MODIFIED LEVY Continued from Iront page

ers carre blanche over whether they will absorb the levy or pass it on, and whether they will register with the Industry Organisation or not," James Devereux of Incpentells PN.

Peter Davis Incpen chief executive tells PN: "Incpenfears that the cost of administering the proposed scheme. may be out of all proportion to en," says Mr Davis.

ery and recycling measures.
"By raising the levy at dif-

ferent points in the distribution chain the opportunity to create an easily recognised consumer symbol such as the Green Dot on the Continent is lost. With no sign on packed goods the scheme loses the chance to creare much needed consumer awareness about the recovery and recycling being undertak-



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Changes to padded bags from Jiffy Packaging Company Ltd and other postal bags in its range have been made to give users added henefits including the option of self sealing.

Research carried out on hebalf of Jifty in both the consumer and commercial markers showed that key issues for users were the protection that the padded bags were known to offer, but also bag closing, opening for reuse, the type and size of objects each bag was suitable for as well as print and graphics.

While the padded postal hags were seen as providing the best protection, scaling the pack for peace of mind was a major concern. Now, on selected padded hags and Mailmiser kraft and plasties bubble lining liags a specially strong adhesive is used for ecurity and user reassurance. As one consumer interviewed put it: "If the glue were good enough we wouldn'r

END OF LINE SOLUTION Continued from Iront page

monomaterial pe film and board blanks are used.

The decision to repackage the product for transit reflected a surge in the popularity of fruit flavoured teas in the Netherlands. Initially, the system used hot air to seal stretch film around the canons and U-card, but replacing this with a stretch, envelope-fold and heat seal combination has led to a reduction in energy consumption by three-quarters, says Sollas (Unit 12, Ardglen Industrial Estate. Whitchurch, Hans RG28 7BB

- tel: 0256 896930, fax: 896665). Options with the U-card include a minimal quantity of board - B-flute is used - sufficient to keep the canons in place or enough board on one side to reach the full height of the col-



Jilly begs: key tor the user is protection given by the pedded bags have to staple them."

Since the external dimensions of the bag may not give a clear indication of the internal capacity, recommendations coming out of Jiffy's research also included giving clear guidance to users. Bags now display dimensions, such as A4, and in some cases suggesed uses.

In the Mailmiser range, there is a series of dedicated sizes - indicated on the back

lated cartons, in one or two lav ers. This option clearly gives much greater support on the pallet load, and the opportunity to include a logo or graphics.

Marketing advantages of the system include a possible open shelf fronting of the primary cartons. Perforations applied to the top reel of film mean that the collation can easily be stripped down by the retailer to leave a band deep enough ro hold rhe collation together as an open display, Alternatively, the card can act as a chute for easy loading directly onto the shelf.

Douwe Egberts also uses integrated inkjet coding on the machine. Easy removal of the overwrapping, a minimal use of materials (with reduced packaging costs) and improved stackability are among other benefits enumerated by Sollas.

with symbols - for eds, video, audio and eamcorder tapes, explains Jiffy (Industrial Estate, Winsford, Ches CW7 3QR tel: 01606 551221, fax: 592634).

Although the padded bags have always been reusable, ir was elear that recipients needed more guidance as to how best to open them with reuse in mind.

monomaterial content of the

had to increase prices by 15 per cent for the selfseal padded bags, says the company, parr of the Bührmann Textorode group.

For further K9 Call for details information 180 0839 77288 It was also felt that the

Businesslike Hack

gle colour decoration of their

own. The Jiffy logo is still

there along with the compa-

ny's address, and the basic gold



The Sollas and ot line system is cost etlective for teabeg cerions

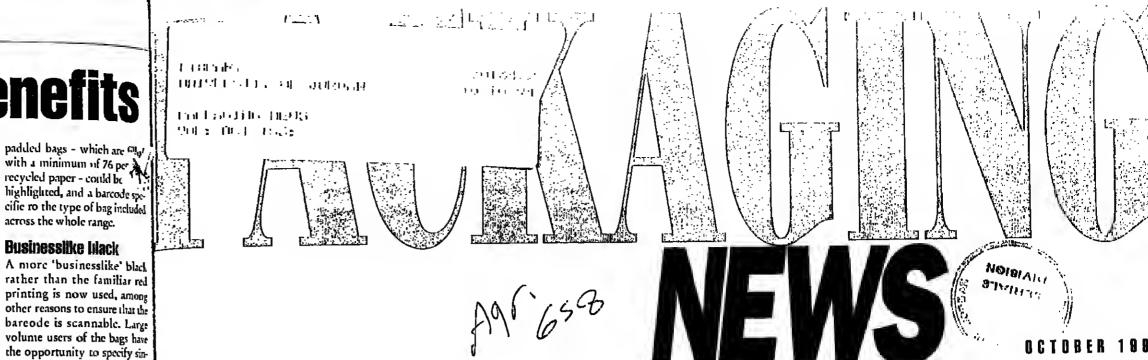
Training was given to Douwe Egberts operators at the machine manufacturer's Netherlands headquarters.

According to Pieter Oly, president of Sollas, Cartostretch is not only suitable for a light cartoned product such as tea. Other applications have included powdered milk, biscuits, soups and 1kg cartons of petfood, he tells PN.

By using heated plates to seal the stretched and folded film, Sollas has made the process much more compact than, say, an inline traypacker and shrink tunnel.

Cartosrretch will feature in the Sollas display at the PPMA show, Birmingham, 27-29 Seprember (Stand: 5620).





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colour of the bags was retained for the padded bags and, if required, the Mailmiser range. Because they involve more complex production, Jiffy has pallet robot systems

Industrial Engineers' UK-built alletising robor now include ICI Chemicals & Polymers d Lever Industrial, with ble backup cited as major dvantages by rhese end users.

Senuine controlled atmos-

here packaging for meat,

fering shelf life of up to 16

teks for lamb, is now avail-

ble in the UK, says New

Chill-Tec, as the technolo-

is called, differs from other

introlled atmosphere systems

ngorously excluding oxygen

rom the pack and replacing it

with high purity CO2, says

Iranspak, which is part of the

Amcor group. "This is the

most significant advance in the

Beat industry since the advent

of vacuum packaging," says

Paul Clarken, market develop-

snorkel system is typically

ment manager at Transpak.

reeks for beef.

Bankside's AR4 Argonaut robor palleriser installed at Lever Industrial, Runeorn, is

lankside AR4 Argonout robot policileer et Lever Industriel, Runcom

pallerising 9kg, 10kg and 11kg cartons of Surf, Persil and Radion powdered derergent, moving six packs at a time. As rhe UK's only manufac-

its purchase desision.

Colin l'lart. impressed ICI Billingham with the simplicity and consistency of the system. Both companies were influenced in their decision to look for a robot pal-

temperature (warm) but reveals

the worde 'ice cold' in blue let-

tive within bande of 10deg C

end cen be used on lebelo end

inke ere tempereture sensi-

tering efter refrigeration.

flexible peckeging.

gives meat long life The received wisdom rhat a high punity CO2 atmosphere is responsible for the bleaching of

red meat has been questioned. New Zealand's Meat Industry Research Institute (MIRINZ) has identified residual oxygen Coca-Cola as the cause of this. Alternative systems, even with multiple flushing, do not

This 'chill zone penel' shown have grear success in removing on a thermographic tilm label all oxygen from packs and canle described ee "e tun end not achieve repeatable results, innovative way of encouraging according to the company. consumers to store bottles in The coex barrier film used the fridge" end le now being also supplied rhrough Transpak - is crucial to the sucproduced by Printpeck Europe. The penel is white at room cess of rhe system, since it

of oxygen and loss of CO2. Typical shelf life using Chill-Tec is up to 10 weeks for When the system was first developed in New Zealand, it Poultry or pork and up to 20 was used for the shipping of Residual headspace oxygen lamb by sea to foreign markets, ter treatment in the in-cham-

forms a real barrier to ingress

where transport by air would Continued on back page | • Full report on page 7.

arriculated arm robor pallerisers, Bankside has an advantage over some competitors in being able to give rapid support to customers, and Lever confirms that this influenced

"During the project, nothing appeared to be too much trouble for Bankside," says Mike Turvill, production supervisor at Lever. System implementation of the AR4 took just one and a half days. according to project manager

The earlier installation Continued on beck page



Student design 'Lynx'

Swindon College student Julie Wooller took top prize in a design project set up between the Art and Design School, BPC Taylowe and Elicla Gibbs.

The project involved Elida Gibbs' established Lynx brand and the redesign of its 200ml shower gel and 150ml body spray pack. Students had to make sure that the pack allowed at least part of the contents to be visible, that it could be easily crected and loaded by hand, and that it was economical from a unit price and a perceived environmental

"We are delighted with the efforts from the studenrs in response to the brief," says Kumar Abraham, packaging project manager at Elida

pack which has the potential to go the whole way: a very masculine and radical design with a

practical edge." An award of £150 was up for grabs for any design feature selected by both BPC Taylowe and Elida Gibbs which proceeds to production.

Taylowe and Elida Gibbs both actively support closer links with educational establishments. Taylowe (Malvern Road, Furze Platr, Maidenhead, Berks SL6 7RF - rel: 0628 413333, fax: 413397) says thar three former students of Swindon College are now working in its own design department. Full report on page 25.



Best in Metal Awards 12

Magt the Association 17
British Glass outlines how it olms
to become a leader in technical
research excellence for the
European glass industry.

Students show design pedigree 25
A 8A (Hons) degree course has just been set up to complement the successful HAD Diploma Course at Swindon College as part of ongoing developments at the School of Art & Design.

FEATURES

Pack-Expo Preview 28-30
A guide to some of the equipment
to be demonstrated at the IPMI
show in Chicago next month.

PPMA Review 36-39
A record number of ocw machines
were on show at the machineryouly exhibition lost month.

REGULARS

It was Peekaging News then 26 Company News

CLASSIFIED ADS stort en page 50 APPOINTMENTS start on page 67

The state of the s

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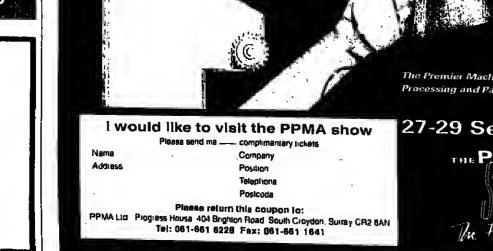
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THE PRODUCTION & PRINT PAGE 43



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The oil in the machine... PPMA The Premier Machinery Show for Processing and Packaging at the NEC 27-29 September 1994 THE P. P. M. A The Friendly Stors

> Call on 0839 772288 or enquiry number K9-000 PACKAGING NEWS/SEPTEMBER 1994

In his chairman's review of the Packaging Standard Council's (PSC) Half Year Report, Lord Clinton-Davis says that it is now "well established as a reliable source of independent advice in the often confused and confusing world of packaging" (see page 4). I-le talks of the PSC's closer links established with consumer groups as well as a considerable presence in the media.

Bearing in mint this success, it is sad that in his report, Lord Clinton-Davis has to once again return to the subject of funding. The reduction in support from Incpen (The Industry Council for Packaging and the Environment) has now been confirmed and industry response to requests for funding is said to have been mixed.

"This is a parlous situation," says Lord Clinton-Davis. "The PSC has been welcomed by bodies ranging from government to packaging manufacturers and retailers and to environmental and consumer groups. Its role is consistent with the government's work on packaging, in particular the work on minimisation complements Mr Gummer's requirements for producer responsibility."

With the publication of the PSC's Code of Practice for the Packaging of Consumer Goods and an increasingly high profile, the PSC now needs to attract additional funds. Some additional funding has been secured from industry bodies and even an individual company, but to

widen its activities, more money is required.

Contributors so far include the Alliance for Beverage Cartons in Europe, Wine & Spirits Association, Scotch Whisky Association, Metal Packaging Manufacturers Association, British Plastics Federation, British Carton Association and Plysu ple.

It is surely in everyone's interest for the PSC to not only continue its enrient programme but also to expand its activities. As packaging gains a higher profile in the media and general public's minds, the need for an independent body becomes more and more important. Yes, of cnurse, government support would be an ideal solution. and one that consumer groups have tried to encourage, but the likelihood of this is, as we all know, remote.

The PSC has demonstrated that it is a 'friend' to the consumer by not shirking from tackling companies to persnatle them to improve 'bad' packaging. Let's face it, we all know it exists. But, and more importantly from the packaging chain's point of view, the PSC has also defended 'good' packaging to complainants.

The Code of Practice has gained a particular welcom from Trading Standards Officers, who find it a useful way to fill the gap between their area of responsibility for upholding strict legislation on packaging in areas such as misrepresentation and complaints they may receive about packaging in less well-defined areas such as

ppenability or execssive packaging. This area of work is vital If the evil of society - packaging - is ever going to clean

حكذا من



facturer Clairol of its Ultress line, just launched in the UK, has been helped by cartons from German company CD Cartondruck. Under the brand name

Morif, the hair colourant has also been launched in other European countries.

Printed gravure A significant factor in the suc-

cess of Ultress internationally has been the graphic design from the Clairol Creative Services Group in the US. The latest design was launched in the US and printed gravure. This won a gold award for excellence in graphic design, production, consumer marketing and packaging uniqueness in the 1993 International Paperboard Packaging competition.

CD Cartondruck, printer of high quality fragrance, cosmetic and hair colour eartons, was chosen to produce packs for the global launch of Ultress/Moof.

A staintless areel bag sealer for

packing fresh salmon at the

point of sale has been devel-

oped by Hulme-Martin Ltd for Sainsbury, satisfying the

highest standards of hygiene

The HM2900SS has also, since

its development for the food

National Tissue Bank for the

and electrical safety.



The certons: six colours with uv veralah plus hat fell blocking

houettes each portrait, framed by a narrow black border. The motif is repeated throughout each panel around the box, while gold stamping crowns the frame on the front panel.

nish was used as a replacement

The cartons are printed in six colours with uv varnish plus hot foil blocking on Tako Superfine Art board. A 'CD Myers Squibb. Super Brillant' calender var-

for uv, says CD Cartondruck (Senerfelderstrasse, Postfach 25. 74182 Obersulm, Gerntany - tel: 010 49 7134 5070, fax: 507200).

Clairol, rhe leading manufacturer of hair colour in the US is a subsidiary of the pharmaceutical company Bristol-

the PPMA Show by agent Sonrex was the HM3100 semi automatic solenoid operated machine. With a 30cm, 250 micron pe capacity, the machine offers increased efficiency and better sealing performance than other systems, says Hulme-Martin (317 Guildford Road, Bialey, Woking, Surrey GU24 9BB - tel:

Cutter versions of the 3100 for layflat tubes and 'speed fill' options for small component packing are available in the range which will, from early next year, also include stainless

safely at point of sale secure transfer and storage in sterile conditions of hearts and General purpose sealing machines offer no protection

against water ingress and cor-With low-voltage safety rosion, making ir impossible to operation and no need for sterilise equipment without warm-up times, the 3100 is the risk of electric shocks. equally suitable for intermitwhile this system gives just tent retail use of repetitive facthose benefits, according to the tory production systems.

A Maclean Humer Publication Maclean Hunter House, Chalk ane, Cockforiers Road, Barnet, Hetis EN4 OBU Fax: 081 242 3154 Hortham Ollios: Carrington 0483 476767, fax: 486343). Jusiness Park, Urmston, Janchester MJI 4QW - rel: 061 76 4015, fax: 061 777 6628

steel waterproof versions. The benefits of the solenoid machine, which closes the seal-

ing jaws at the touch of a switch. will be clear to anyone who has tried positioning a large pe bag with one hand while applying sealing pressure with the other says Hulme-Martin.

Shown for the first time at

Print and apply software allows CONVERTING pallet labelling standardisation

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Software developed by Nestlé
8 allowing the food manufacmer to standardise its pallet 081 242 3143 helling throughout Europe fechnical Consultant: Raymond A Silk, F Inst. Pkg and beyond, with the Labfax Sessens RoboPal print and 081 242 315 uply unit recommended to its eles Exacutiva: businesses in the UK. Palman software can be

sed in conjunction with a lobot arm system, which has he advantage for Nestlé of not involving a double movement dihe pallet, or conventional oplicators. The manufacturer has just installed the Labfax Susan Steward 061 776 4013 Converting World Sales Macage: wstem at its Tutbury coffee favory, the second in the UK. The first was at the Ashbourne gory which mainly handles nik-based desserts.

The software, which generes labels in a standard format, decks data immediately after mining to ensure that it tallies with the source data. Most sportantly this information fits in with edi (electronic data merchange) structures, enabling automatic communication inventories from site to site.

Palman applies Nestlé's

own M188 standard, and the

system has been specified for

the multinational's Zone I -

Europe - but is already being

Palmen softwere can be used together with a robot arm system

of this initiative." 1150ml injection moulded, pp pot with tamper evident lid now available from RPC Continers Blackburn, for its range of chiller cabinet dishes including rice and Chilli Con Carne

Tesco has selected the conuner in particular for its tannper evident properties.

*Tesco is committed to ducing execssive packaging while maintaining the integrity of the products," says Isla McNab, product manager for invenience provisions. "Tam-

ady meals.

per evident scals are a key part

The tamper evident lid is one of the most advanced on the UK market, says RPC (Haslingden Road, Guide, Blackburn, Lanes BB1 2PX icl: 0254 682298, fax: 583752).

It fits tightly inside the rim of the pot and can only be removed by breaking the speeial tab moulded into the rim. The tab itself firs flush with the rim, minimising the risk of it

being damaged or dislodged. In addition, says RPC, the design allows more efficient



RPC's 1150ml pp pat with nawly developed

use of shelf space in rerail outlets as rhe pots can be more neatly stacked closer together.

The 1150ml por is part of a range of containers now being

没

considered in areas as far away

After seeing it working for

a year ar the first installation,

as Sourh East Asia.

introduced by RPC. The 500ml size will soon be available with the new tamper evident lid.

Centre offers a chance to try out new materials and equipment

he company is now satisfied

that it is accurate and reliable,

says systems development

it's gone into a coffee factory

amount of confidence about

tition being interrupted there.

there is an error, a second label

is generated and applied over

the top. If it still fails validation

after three attempts, an alarm

rings and the label must be

the initial installation from Lab-

fax, achieving a higher through-

pur and developing rechniques

thermal or thermal transfer

printed up to 216 x 300mm in

size. Labfax is at Unit 12, Hor-

tonwood 7, Telford TF1 4ES -

tel: 0952 670380, fax: 677103.

Labels for RoboPal can be

for coping with part pallets.

Adjustments were made to

applied manually.

manager Dave Bruce. "The fact A Centre for Processing Plastics Packaging has opened in means there must be a fair New Jersey, USA, offering packers and converters the it," he sells PN, explaining that opportunity of trialling new there can be no risk of distribpack/material combinations on an array of processing and After the label has been forming equipment on a memapplied to each of two sides of bership basis. the pallet, the head scans it. If

Focus on pet resins

While specialising in a range of polymers including per, pp. pe and ps, the centre will initially be focusing on pet resins, and particularly apet, which is developing a range of applica-

tions in the UK, executive Mel Druin tells PN.

Services to clients can include processing research, structural analysis, prototypes, development of monolayer and multilayer sheets or films and thermoformed packs. The three founding members of the centre were Shell Chemical on the resin side, Wellex, which contributed a coextrusion sheet

line, and Campbells Soup. Representation in Europe is rhrough John Pope, Marfortee, 3 Hazeldene, Wendover, Bucks HP22 6NG - tel & fax: 0296 696128.

As an example of other work which will be undertaken, Dr Druin eites a multiclient study which will look at the use of post consumer per bottle serap in three-layer apet structures, following the first granting of FDA approval for one of these structures.

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PACKAGING NEWS/OCTOBER 1991 PACKAGING NEWS/OCTOBER 1994

K10-428

of X-ray inspection systems mean that the technology is now a viable addition to food quality control for an increasing number of companies, says equipment manufacturer Graseby Intertest.

Graseby's CDX is one fifth the size of its original system which the company supplied back in 1989. Apart from size reductions, there have been other improvements, including mechanisms to contply with due diligence, with a capability to customise reporting systems. Graseby puts great empha-

sis on careful analysis of where the inspection system can best fit into any given line. "We don't feel that image processing is a substitute for good technique, but we do have the abiliat full line speeds with image processing," director Neil King tells PN.

processing features are enough, Graseby says it can develop an image processing card for specific product requirements. If, on the contrary a particular job cannot be done, or if other equipment such as a metal detecate, the company will

Because the standard CDX will monitor product on up to three channels - or eight on

Whereas for most applications, standard

CARTONING SYSTEMS

tor is more appropri- CDX can hold up to 20 product messeges

larger units - end users can combine, say, scanning for contaminants on two of these channels with another dedicat-

ed to gauging fill levels. Quite often, says Graseby, variation in product weight or density means that cheekweighing is not the solution to eliecking correct filling.

The CDX can hold up to 20 product messages in its meinory, and switching between product need only take around a minute, according to the company (10-11 Vaux Road, Finedon Road Industrial Estate, Wellingborough, Northants NN8 4TG - tel: 0933 440045, fax: 440029). Changeover may be required where pack sizes differ or where, as with confeetionery, there are different fillings and sizes of product. Conforming to due diligence requirements is guaranteed.

Cost effective X-ray control of food | Double the action on consumer complaints

Consumer contact has increased considerably with the Packaging Standards Council (PSC), and around double the number of complaint investigations are reported in the latest half year report.

The PSC decided that companies needed to take action on roughly half of the complaints and most have gone on to make improvements to their packaging. For example, Sainsbury's no longer wraps coconuts in plastics film but instead uses a stronger adhesive for its labels, and Schweppes has increased the size of closure opening instructions on its bottles of tomato and orange juice.

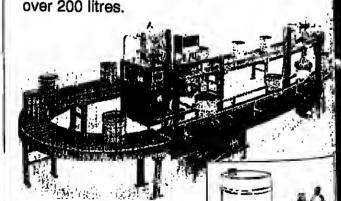
The environment/overpackaging category is by far

the largest and within that group the PSC believes that half the complaints are justified. Most complaints related to solid food, which is not surprising since more than two thirds of all consumer goods packaging is used in this atea. Openability was also found to be a 'hot consumer topic'.

Critics have suggested that some of the complaints handled by the PSC may be trivial but we believe that all consess are of equal weight and reflect current consumer views, says the PSC (Firth House, Bramfield Road, Bulls Green, Datchworth, Herts SG3 684 tel: 0438 798589, fax: 798398).

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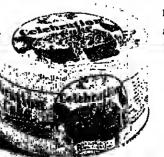
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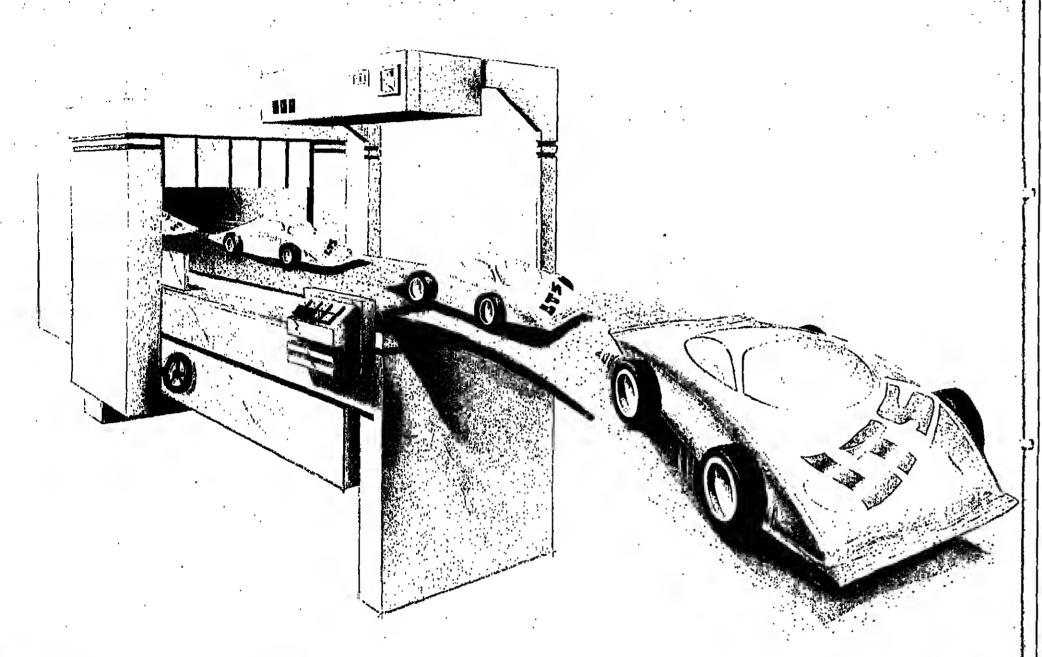
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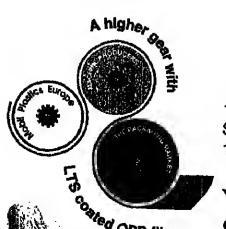
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You can see LTS films in action at the Salon de l'Emballage in Paris, Hall 5, Stand 5 G 030.

Gravure investment gives fine colour control

installed by Dublin-based Lawson Mardon Superior as part of a £4 million investment will give the company and customers the benefits of quick changeover between runs, high speed and fine control, including colour consistency.

Capable of running at up to 300m a minute, the Rotomee press offers automatic alignment of print cylinders and automatic positioning of impression rollers. Sleeves can be changed while rollers are on the machine and without the use of tools.

Process control includes amomatic axial and longitudinal register control from a single sensing head, viscosity control of inks giving repeat colour consistency and a sta-



web for the operator. Maxinium web width is 1035iiini.

The management information system records makeready time, downtime and produc-

tion time. Printours give the location on the reel of any product which is out of tolerance, and these accompany the

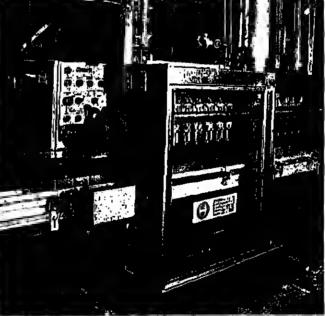
Filler handles hot challenge

from Masterfil has been installed by Elida Gibbs for its deodorants and anti-perspirants, requiring a complete lack cross-contamination between these product types.

Responding to increased consumer demand for alternaives to aerosols, Elida Gibbs selected the filler as part of a new line for products including duction had been on a much

Elida Gibbs says it is very pleased with the system. "The solid stick liquids are hot, viseous and difficult to handle, but Masterfil's system meets the challenge," the company

The filler had to cope with three different container shapes



The 16-head automatic filler designed by Masterfil for Elide Bibbs

alcohol-based deodorants and silicon-based anti-perspirants, keep downsime between prod-

> Half the 16 heads on the specially designed filler are used for anti-perspirants and half for deodorants. The user can opt to use either half or all of the machine at any one time. This system avoids the need for a full scale cleaning process between products, says Mas-terfil (17 Farmborough Close, Stocklake, Aylesbury, Bucks -

tel: 0296 25001, fax: 25002). Feeding systems differ according to the requirements of the two types of liquid. Deodorant is fed from a mixing tank into a water-heated hopper. From there it is gravity fed into a water-heated manifold and then to the filling heads. Anti-perspirant is fed directly from a portable mixing vat into the heated manifold.

"The segregated filler heads combined with the easy onetouch controls for changing volume and size make produc changeovers easier than on any of our other production lines says Elida Gibbs.

Superior supplies trish, markets, with export accounting for over 50 per cent of sales. Customers include Mars, Cadbury, Kelloggs, Unilever

Md Alan Marlborough notes the confidence in Superior that this investment demonstrates on the part of Lawson Mardon Packaging (LMP). LMP brings together the packaging businesses of AlusuisseLonza - A-L Packaging - and the Lawson Mardon businesses, acquired by the Swiss group.

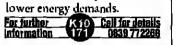
Packaging now accounts

for 40 per cent of the Alusuisse-Lonza turnover, and is the largest single entity within the group. "We feel we are the largest flexible packaging group in Europe, and soon will be the best," said Alistair Napier, chief operating officer of Lawson Mardon Food Division, at the latinch of the press.

housed in a 2000sq m dedicated building adjacent to the main factory building (Jamestown Road, Finglas, Dublin 11, Ireland - tel: 010

353 1 8341431, fax: 8347886).

Environmental benefits of the press include recirculated drying air for reduced solvent retention in the product and





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Enter the Chill Zone

A temperature sensitive film label, developed in conjunction with printing inks company Kromacorp and believed to be the first of its kind in Europe, has been launched by Printpack Europe.

Coca-Cola and Schweppes Beverages (CCSB) has made the first commercial use of the technology with labels for Coea-Cola and Diet Coke in the UK. The special thermachromic film labels are used on various pet bottle sizes.

Each label features a 'Chill Zone panel which is white at room temperature (warm) but reveals the words 'ice cold' in blue lettering, after refrigeration, to indicate that the bottle

perature, *Coca-Cola is at its best drunk cold," says Tim Kelly, marketing director of CCSB, "and we were very pleased to have found a fun and innovative way of encouraging consumers to store bottles in the fridge."

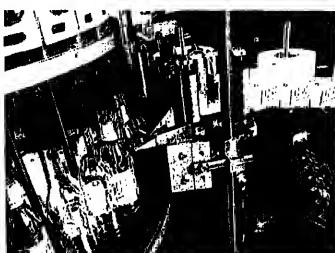
Production of the labels involved six colour gravure printing onto polypropylene label film with two-stage over lacquering to ensure permanence and protect from scuffing during labelling and transit, says Printpack (Bridge Hall Mills, Bury, Lanes - tel: 061-764 5441, fax: C61-761 7293).



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Label has icy appeal

Responding to the huge demand for its system of applying clear film labels onto buttles immediately after production. United Glass (UG) has invested in a double stacker and destacker on its Harlow site.

Sales of Faster's Ice beer have, abuve all, exceeded expectations. "The hot summer undoubtedly helped sales of beers in general, but the taste and the attractiveness of the lee pack are winning over retailers, bar owners and consumers across the country," says Peter Silvester, marketing manager at UG. Sales of Appletise apple and grape soft drinks in one litre buttles have also outstripped initial forecasts.

"Upgraded stacker"

The upgraded stacker - which like the original is from Zeecherti - handles two rows at a time rather than just one. A Festo pneumatic system channels labelled bottles towards one or the other of the two lanes for stacking. Also at the end of line there is a Cyklop strapper and a shrink hood unit for pallet loads of over 2800 hottles.

Since installing the Shore-

sation process our hale will

take more lugging with no tear-

The system comes complete

Header colds, hong labs of

strengtheners could be a thing

of the past.

with jaws to sull your machine and is simple to install and use.

Jacobs Suchard's factory in Bristol for the weighing and packing of freizen sausage rolls. According to Kraft, the installation has greatly improved production speed

plied through US labels com-

pany Spear Inc. UG has

increased application rates to

210 hortles a minute and is

aiming to reach 250 a minute.

applies a frost-effect front,

back and neck label at different

stations. The labels are printed

"Silk screen

Alongside the labelling line,

UG has installed a silk screen

printing operation. This fea-

tures a four-colour Rosario

Struz printer, which normally

turns out bottles at a rate of

110 a minute. At present only

the labelling or the silk screen

fine can run at any one sing,

but UG does not rule out

investing in a second palletising

system to make the two lines independent, should demand

The decoration facility,

representing an investment of

around 21 million for UG

(Porters Wood, St Albans,

Herts AL3 6NY - tel; 0727

859261, fax: 842661), was first

installed in June '94.

printing"

in the US by Spear.

For Foster's the system

and packing efficiency. Central to the operation is Ishida's CCW.Z.214W.T/30-WP multillead weigher linked to a Sandiacre TG3D bagmaker.

Ishida Europe's projects

department has completed a

major installation at Kraft

As well as supplying the weigher Ishida has supervised the installation of a flighted belt conveyor which takes the product - following manufacture and freezing - to the low temperatures are mainweigher, an electromagnetic crosshead feeder with infeed hopper and level probe to regulate the flow of product onto

Weigh efficiency for

frozen sausage rolls

"Remote control panel"

the weigher, a custom designed support gantry, and an electrical remote control panel for control of the entire operation. The line is situated in a

separate temperature con-

trolled room, to ensure that

per to maximise packaging speeds, says Ishida (Crystal Drive, Smethwick, Warley, W Midlands B66 1RJ - tel: 021-541 1441, fax: 021-544 4659). As some packs are sold by the number of sausage rolls, the unit also features a special

tained while the frozen sausage

rolls are being packed. In addi-

tion, an extra enclosure is fit-

ted around the top of the

weigher platform into which

The weigher handles a variety of sausage rolls, including cockial, party and king size,

and features a twin timing hop-

cold air is continually fed.

The weigher is programmed with the piece weight of an individual sausage roll, with an allowed tolerance

This information is then used to work out the larget weight for the required number of products for a particu-

"Type of sausage roll"

Set up - to indicate the type of sausage roll to be packed and number required in each bag. is via the remote control unit.

Kraft says that it explored the options very thoroughly when establishing the new packaging line and the weigher has performed superbly, and has also proved extremely reliable.



PAPER A CHESIC STOREGIC CONCERNO 1001

'Free tree' label leaflet promotion

On-pack Fix-a-Form leaflet labels from Denny Bros Printing Ltd have been used in a 'free tree' pramotion by Benckiser, manufacturers of Calgon water softening agents.

The campaign not only offers free mountain ash rrees for users' gardens, but also generates a £1 donation from Benekiser to the Woodland Trust for every tree claimed.

The six-page leaflet labels are four-colour printed and, together with detailed text, feature an illustration of the 75cm high Mountain Ash sapling. This is despatched to the consumer in a specially designed tree protector, with easy to fol-

Devised by sales promotion agency Anvil, the promotion reflects Calgon's 'green' image. Vanessa Togher, senior account manager at Anvil, says "We needed to provide full on-pack iletails of the offer as well as information about The Woodland Trust. It was also necessary to turn the promotion round more quickly than pack origi-nation would have allowed."

The 73 x 38mm Fix-a-Forms were supplied by Denny Bros (Mildenhall Road, Bury St Edmunds, Suffolk - rel: 0284 701381, fax: 705575), on the reel for Itand application to 500g and 1.2kg packs of Calgon.

For further K10 Call for datally 160 0839 777258



Razor infeed gives sharper changes

An infeed system that provides positive handling of flow wrapped disposable razors while at the same time allowing quick changes between collation formats has been developed by Assi Doman Packaging Machine Systems Ltd and supplied with a System 1200 wraparound casepacker to

Gillette (UK) at Isleworth. The system is believed to be the only one of its type and can handle collations of 5 x 4 x Las well as 5 x 4 x 3. It maintains full control of the product throughout the infeed operation and, says AssiDomän, can be used for other flexible primary packs, in various collations, that require loading into corrugated transit eases.

Individual flow wraps arriving on the infeed conveyor, in a single line, are transferred through 90deg and assembled into a single row collation 5 x 4 deep via an indexing lowerator. These are eassette which, once loaded with the 5 x 4 collation, indexes sideways one pitch.

daustigftuglien jett fich gebieteren At this point the product is transferred via a mechanically driven product infeed paddle from the cassette to the waiting corrugated blank. This process is continuous, with the eassette assembly indexing one pitch at a time and returning progressively via a chain drive to the product loading point.

In this way, there is an apparamity to vary the namber of rows from one to tow, three or more depending upon requirements, and product is controlled positively throughout the operation, says the company (Knowle Street, Stalybridge, Ches SK15 3AR - tel: 061-338 3711, fax: 061-303 2647).

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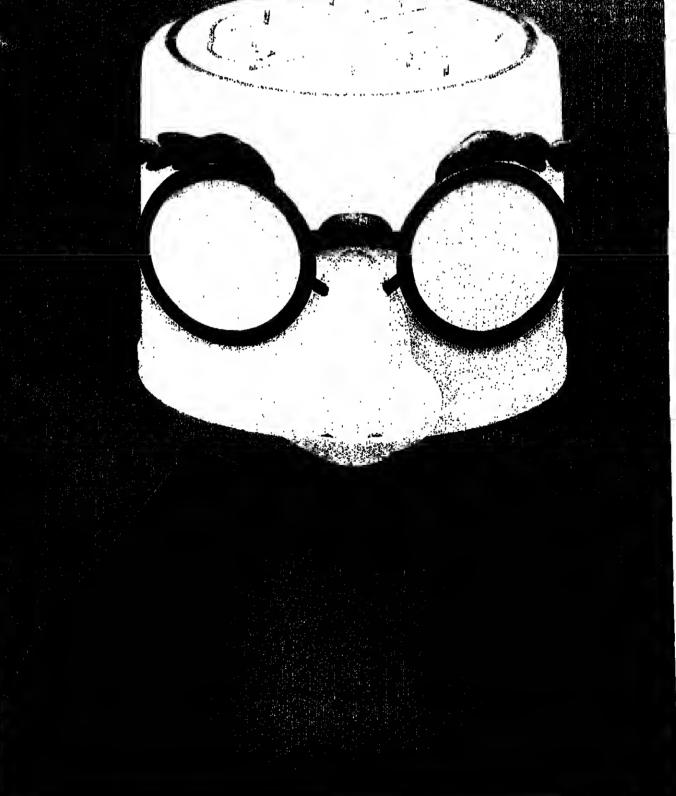
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Lendlitt Restoration & Aftercere Training Course, Chester. The Training

Department, IWM Business Services Ltd. 9 Saxon Court, SI Peter's Gardens. Multiampton NM1 1SX - lef 0604 20426, lax: 604467

4-5 October Polypropylena '94

Conference, Swissôtel, Ztrich Switzerland, Maack Business Services, Moosacherstrasse 14, 8804 Authear Zürtch, Switzerland - Jel. 010 41 1 7B1 30 40, lax 781 t5 69

5-9 October Interples/Interpack/Interprint International exhibition for the food

processing and packaging industries. Jakarta, Indonesia. Roed Exhibitions tel: 0B1-940 3777 10-13 October

International packaging exhibition, Tel-Aviy, Islaet Israel Trade Fairs Center, PO Box 21075, 61210 Tel Aviv. Israel

tel 972 3 646 2422 11-14 October **Gude Trennpech**

International packaging and materials handling trade exhibition, Budapost, Hungary, Hungexpo Sudapest, PO Box 44, HQ-1441 Budapest, Hungary - tel. 36 1 157 3555

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handles three different sizes of Nicotinell cartons. It automatically collates them into a five high format and then overwraps them in a polypropylene film, applying a tear tape with extended tab, which assists opening.

All three Mardon Edward units at the plant are pharmaceutical grade machines with stainless steel panels, fault find-

Nicotinell Transdermal nicotine

patches are being packed on

automatic collaring and over-

wrapping equipment from Marden Edwards & Company.

The ME 12-30 machine has

been supplied to Zyma Health-

care, the Ciba Group company

which is marketing the patches

in the UK. The overwrapper is

the third Marden Edwards

machine at the factory during

Operating at speeds up to

50 packs a minute, the unit

the last two years.

Nicotinali Transdarmel nicotina patchaa are ovarwrappad into colletions of fiva with e tear tape ing facilities, visible and audible low film warning and fast

nico@nell:

size change facilities. The two machines installed earlier are used to overwrap a range of other Zyma products including Savlon and Viaform creams, says Marden Edwards (Ferndown Industrial Estate, Wimborne, Dorset BH21 7PD

PP bottle meets high demands

tel: 0202 861200, fax: 861400). "We require all our equipment to be reliable, to offer ease of cleaning and changeover,"

nicotinell

says Ken Green, works engineer for Zyma Healthcare. "The Marden machines meer those requirements and they are competitively priced and British made.

"We had been very satis fied with their performance on our other lines and when the packaging of Nicotinell was transferred here, we decided to purchase another ME 12-30 machine specifically for that product," he continued.

nicotlinel

Vitamins and supplements from Seven Seas are now being packed in an 'intermediate tub' manufactured by Jaycare Ltd.

The announcement of the contract follows a £500,000 investment at Jaycare in injection blowmoulding machinery as part of a move to increase its share of the otc healthcare market.

Designed to satisfy extremely demanding filling and labelling requirements, the bottle is injection blowmoudled in polypropylenc with an R3 screw neck. Ir is custom moulded to complement the Seven Seas brand, says Jaycare (14 Alder Road, West Chirton North Ind. Est., North Shields, Tyne & Wear NE29 8SD - tel: 091-296 0303, fax: 091-296 1842). Bill Rodgers, marketing manager or Jaycare, says this contract has justified the investment made in equipment.

The Savan Seas Intermediate tub by Jaycere: an injection blowmoulded pp bottle with R3 screw neck

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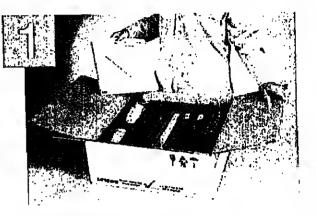


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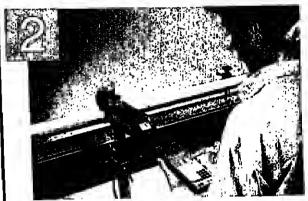


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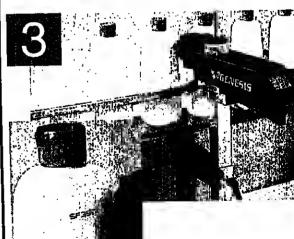
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Colt on 0839 772288 or angulry number (K10-551) PACKAGING NEWS/OCTOBER 1994

PACKAGING NEWS/OCTOBER 1994

Bestseller takes Best in Metal award

Marks & Spencer and Trebor Bassett clinched the top award for a Liquorice Allsorts tin with a bulged emboss "never before achieved to this extent" in the tenth annual Best in Metal Awards.

The distinctive tin, which won the gold award in the promotional food category, received the unanimous support of the judging panel to take the Supreme Gold Award - the best of the ten gold winners.

Designed by Marks & Spencer and Trebur Bassett, and manufactored by Carnaud-Metalbox Speciality Packaging UK/USA, the tin's bulged emboss is used to full effect in creating the shapes and colours of Liquorice Allsons.

The tin became a bestseller over the Christmas period.

Organised by the Metal Packaging Manufacturers the company's range of high Association (MPMA), the Best quality cloth cans. in Metal Awards celebrated its tenth anniversary this year by attracting over 100 entries.

The Chairman's Award for the entry which demonstrates the best new market for metal packaging was won by Thomas Townend and designers, Eiger International for their innovative approach to the sale of sporting headgear. Selected for the award by



Winnar of the Charles of Annual; Manufacturer: O Wallin and Compony, tal: 0803 403 901 the range was so successful that

it was later extended to include

The hat tims were manufac-

The award ceremony last

month included a Jook back at

highlights of the last ten years. MPMA is at Elm House, 10

Elmshott Lane, Cippenham, Slough, Berks SL1 5QS - tel:

0628 605203, fax: 665597).

tured by G Wallin and Co.



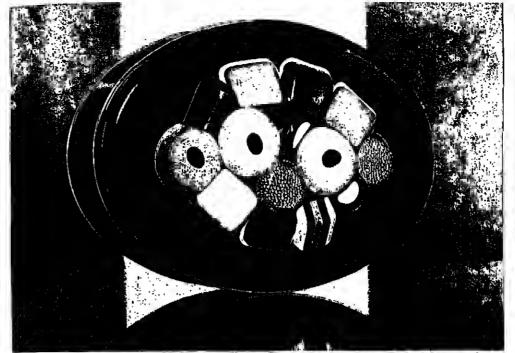
Gold winner Top Cat Bodyfiller; Designer and Costomer; Tetrasyl Ltd; Manufacturer: DKS Packaging Ltd, tel: 651-822 2856



Oold winner Seinsbury's Cool Crush renga; Designer: Osyles Hall Menutecturar: CernaudMatalbox Baycan pic, tel: 0228 81200



Oold winner Goodlife; Customer/Designer: Delgety Spillers Food, Manut: Cerneud Metalbox plc, Foodcan Group, tal: 0905 762323



Supreme Cold wes captured by this Liquorice Alisorts Tin. Customer/Designer: Merks & Speccer pic and Trabor Bassett Ltd; Manutacturer: CernaudMatalbox Spaciality Packaging UK/USA, tal: 0823 22851



Swing Tin tor Cigere. Cuatomer end Dealgner: Rothmens lotercet lonel; Carnaud Metetbox Speciality Packsgtng UK/USA, tat: 0623 22851



Aerosois, Customar and Designer: Barnar Ltd (Ftnland); Manufacturer: CarneudMatalbox Aerosols (UK) plc, tel: 0823 555555



Gold winner Chrystax Polish. Customer/dasigner: Blue



A gold went to these Memory Tins. Customer and Designer: The Silver Crace



Gold In closures section: Mertini Mixers; Customer and Designar:

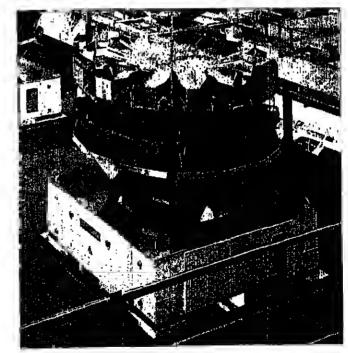
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tern which is designed for continuous in-line operation in hustile environments has been launched by Safeline Ltd.

Called Linescan, it can detect stone, glass, unwanted bone content, paper, plastics, metal and other foreign bodies in food and non-food products alike, with particulates down io 0.5mm identified.

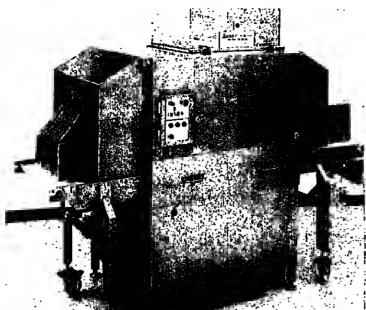
Products can be inspected either unpacked or packed and ready for shipment. Packaged goods may be monitored by the case, rather than individually, making overall installation costs very competitive, says the company (Montford Street, Salford M5 2SN - tel: 061-848 8636, fax: 061-848 8595).

Safeline has worked with US electronies company EG & G to adapt imaging technology originally developed for

ment derived from an X-ray research programme. According to Safeline, this combination gives unprecedented levels of accuracy and reliability in detection and rejection of contaminated food and dairy products.

As well as being able to detect foreign bodies in products of varying thicknesses, such as chicken breasts, Linescan will also detect unacceptable voids such as hollow heart disease in potatoes. Four machines com-

prise the range and all systems ean be supplied with custom designed rejec-



The Lineacan toreign body

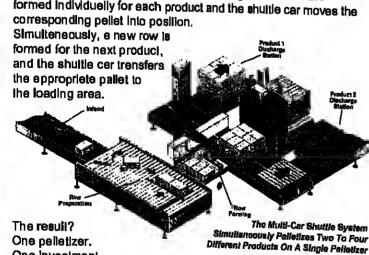
KLÖCKNER PACKAGING SOLUTION #3145

The Case For Automatic **Palletizing** of Multiple Lines.

Justifying the transition from manual to eutomatic pelletizing of multiple low speed lines hes alweys been a challenge. While autometic palletizing offers meny adventages, the cost justitication of Individual palletizers for each line is typically en expense greeter then the potential benefit.

To meet this challenge, Klöcknar Priorily One developed the MullI-Car Shuttle System-able to pallatize up to four individuel lines with e single pelletizer, requiring only 11/2 layers of accumulation for sech line.

The system works on-demend, eccepting products from up to four sources end staging lineae products prior to edvancing individuel product groups to the row forming erea. Rows ere formed individuelly for each product and the shullle car moves the corresponding pellet into position.



One Investment.

Multiple benefits! And the flexible Klöckner Priority One palletizer provides eutometic changa- over, low meintenence end the capability of unetlended operation as primary benefits,

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Meeting a demand for hygiene training

Sophisticated carriers

These carrier bags ere manutacturad to look like e 'teshionable'

peper tape handled version, but instead provide the preparites of

polyethyleno. Now available from ideal Sources & Sales Ltd (John

Mershall House, 248-254 High Street, Sutton, Surrey SM1 1PA - tel:

081-770 1246, tax: 081-770 2125), the bags are made from PolySOS

meterial, which is a bland of idea and hope, and era water and

leekproof. 8 egs can be supplied in runa as small ea 5000, printed

with customer logues, for a cost said to be not much more than a

petch hendle carrier.

ADAS, a commercial agency of MAFF, is to run a further hygiene training course for packaging industry managers in March next year, following great demand for last

Designed to offer managers in the packaging industry the opportunity to receive comprehensive training no food safety, the course will be a four-day event which includes taking hygiene examinations.

"The success of the previous courses and demand from companies for a quiek repeat has led to the introduction of this new date," says tan Grey, business development manag-

er at ADAS (ADAS Pennil, Agricola House, Gilwilly Trading Estate, Penrith, Cumbria CALL 9BU - tel: 0768 65651, fax: 899142].

"It gives companies an ideal opportunity to develop the hygiene expertise necessary to take control of their hygiene management and deliver the standards expected by the food industry," says Mr Grey ADAS launched it

bined with the flexiblity of working practices that Hygiene Accreditation for the enabled us to move quickly packaging industry in 1991 and and produce a 330ml bottle is now recognised by many for Taunton's Diamond food retailers and manufactur-White special volume promoers as the standard to be tion, says Rockware (Headaccepted for packaging supplylands House, Headlands Lane, Knottingley, W Yorks WF11 0HP - tel: 0977

674111, fax: 607256). The aim of the promotion

Rockware Glass has produced bottla (lett) and (right) tha a special Diamond White prostendard 275ml bottle motional bottle for Taunton

in record time

Cider in just four and a half

weeks, a record time said to be

a result of a partnership phi-

losophy built up between the

most rapid development turn-

around time that the Somerset-

based eider maker has ever

received from a UK glass pack-

"Partnership

approach has

lasted for

two years"

Rockware currently pro-

duces bottles for Taunton's Diamond White, Dry Black-

thorn, Brody and Fres

brands and the partnership

approach has been in opera-

It involves creating a team

approach between various

departments at each company

such as customer services, pro-

duction and quality control.

As well as setting up this style

of working, Rockware has also

invested in a furnace rebuild at

its Headlaods plant, together

with the installation of a 10

It is this investment com-

section triple gob machine.

tion for two years.

The project represents the

two companies.

aging company.

was to add perceived value to Diamond White and improve visibility in a crowded market. Although the normal turnaround time for such a glass bottle is between 12 and 14 weeks, Rockware produced the promotional bottle in just four and a half weeks.

"To gain advantage in the cider market, especially with a high volume promotion like this, speed is of the essence," says Bob Rendall, purchasing manager at Taunton. "In addition, the line efficiency achieved with the 330ml bottle was one of the highest ever reached at Taunton, which is testament to the first class quality of the containers."

"A supplier's flexibility to respond is important"

Mr Rendall believes that a packaging supplier's flexibility to respond to a client's requirements is increasingly important in today's business environment, where sales figures, and therefore packaging requirements, can often fluc tuate widely.

"Rockware's bottle for the Diamond White promotion is a perfect example of meeting these requirements," he says.

"The company has also produced own brand one litre bottles at very short notice and there are several other projects on target for fast tracking."

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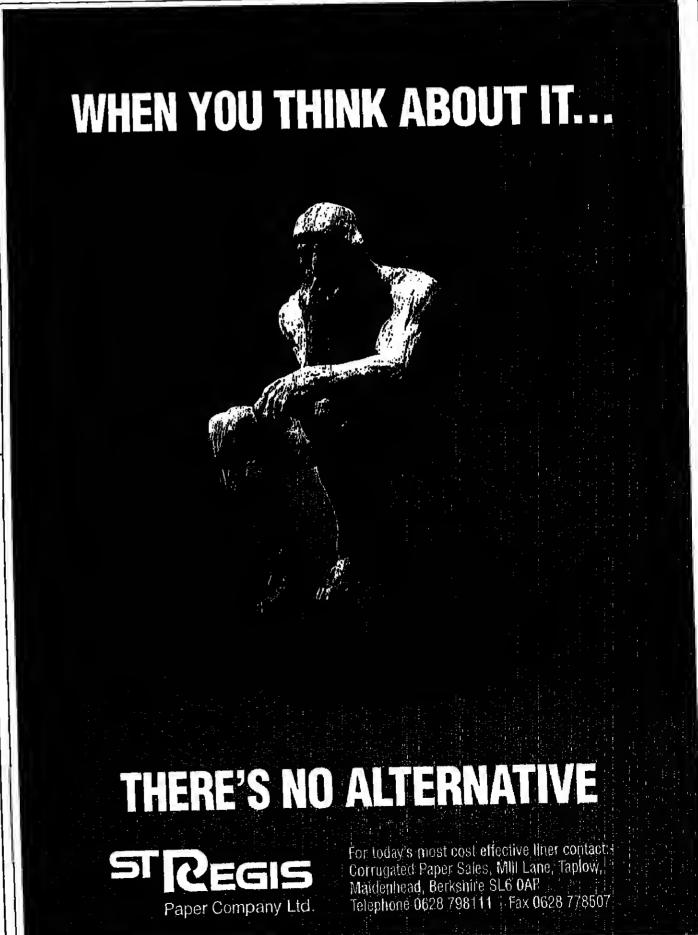
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Loma twin lene 7000 Combo Inapection system of Merlow Faeds

Quorn checked and |* scanned at speed

Checkweighing and metal detection equipment to run on the extended production facility for Marlow Foods' Quorn product is being installed by Loma Systems.

A Loma 7000 Combo. integrating metal detection and checkweighing, has already been installed on the first line to be commissioned at the Stokesley, N Yorkshire, plant.

The first Loma unit is a twin lane system designed for maximum flexibility and sensitivity. It will handle a wide range of pack sizes, both for retail and catering customers.

Positioned immediately after the bagging station where variable quantities of frozen Quorn cubes are packed into polybags, the Combo uses one conveyor to cheek packs of between 0.5 and 2kg. The second takes packs of between 2 and 10kg.

Each lane combines a metal detector and weigh cell on a common, easily adjustable frame. The lane for lower weights runs at speeds of up to 65 packs a minute and the second lane at just three a minute. Product identified as over-

weight or contaminated is pushed from the line by a reject device on the outleed conveyor, says Loma (Southwood, Farnborough, Hants GU14 ONY - tel: 0252 540340,

"The Loma 7000 Combo allows us to assure our customers that our products have been tested to the highest standard and meet legal weight requirements," says Keith Bramwell, plant manager at Marlow Foods, Its high speeds. reliability and case of use are key advantages, he says.

The first line will enable Marlow to build up its annual production capacity from 1,000 tonnes to 7000 tonnes. Another 7000 Combo will be installed on a second line which will double this capacity.

Components on each lane will be tailored to the characteristics of product within each weight band. "The twin lane system gives us the convenience of handling all our product sizes on one line widout compromising accuracy, explains Mr Brainwell.



Redesign adds vitality

Striking reformulation of brand identity has been achieved for Vitailla eunflower spreads by Pt Dealgn, fully using the depth of the tub. Packe for Kraft Jecobe Sucherd's Vitalite and Vitalite Light spreade heve been redesigned to give meximum chalf standout, more modernity end - aa the brend name euggesta- vitality to the product's identity. At the same time, key features of the brend have bean maintained, says PI (1-5 Colville Mews, Lonadela Road, London W11 2AR - tel: 071-727 3226, fax: 071-727 4831|-

The conauliency beat two major competitors in a pitch for the radesign, which cerries the same bold colours on the tub wall and lid.



£3 billion buying power at packaging focus '94

The combined annual purchasing power of delegates attending packaging focus '94 will exceed £3 billion, more than a third of total UK sales.

This figure emerges from research Total annual expenditure carried out by the organisers, Richmond on peckeging Events, into the business profiles and interests of delegates planning to attend



the event, which is being held on board the P&O ship, Sea Princess, from September 22-25. The research shows that the annual average expenditure on packaging of delegate companies amounts to at least £12 million. Nearly half have a total

What **delegates**

As part of its extensive study into delegate opinion,

Richmond Events also carried out direct research over the

talephone. In general, this confirmed the findings of the

main survey, but it also showed the range of reasons why

on how to packaga it'

■ 'We're looking for innovative idees,

to see what's being won in new tields'

yet to be launched, and we want ideas.

We're bringing a new product,

We'd like to sae potential new

suppliers in case we're missing

opportunities or new ideas'

annual spend of more than £10 million, including 38 per cent with an expenditure of more than £20 million. Breaking down spending patterns for specific packaging materials produced

further Interesting data: ■ 57 per cent of respondents come from organisations spending more than

£1 million a year on cartons and cases; ■ 43 per cent spend more than £1

million on laminates, lilms and foils; ■ 33 per cent spend the same amount on paper and board.

A smaller percentage, however, spent more than £1 million on cans, metal caps, closures, glass and rigid plastic containers.

The sample included key buyers from food and drinks companies - twothirds of total packaging consumption and manufacturers of confectionery. cosmetics, pharmaceuticals, toiletries and household chemicals.

Significantly, two thirds of the buyers surveyed expected to see a decrease in the number of packaging suppliers they deal with over the next year. Nearly half of them come from organisations with annual packaging expenditures exceeding £20 million.

The main appeal of packaging focus '94 for delegates is two-fold, the survey indicated. For nearly all, it was an opportunity to keep up-to-date with industry developments, but 80 per cent ol respondents also said it was a chance to investigate potential future suppliers.

Given that half the respondents in dicated they were not able to see more than ten potential suppliers each year, the event offers a time-efficient means of reviewing new developments and identifying new suppliers.

Interestingly, the opportunity to meet other delegates is another central appeal

Research – % The Key Findings Total estimated buying power f delegates - more than Total anunal UK pack of the event. It offers (Rowena Mills Associates) 👫 " ' Nearly 50 per cention responder delegates a unique environment in which to ome from organisations spending build relationships and ioro than £10 million a year on debate industry issues

ackaging focus '94' as an

opportunity to see policit(a) ;

novation and technological

levelopments, and packaging

philers to the phile main issues of concern are

- and there are several that delegates want to discuss. The research identified two main concerns - innovation and technological developments, and packaging price trends.

But It also flagged up the environmental issue and consumer attitudes as subjects of interest. All these have now bean built into the conference and workshop programme.

Exhibitor **support** grows are looking for

Support from exhibitor companies for packaging focus '94 continues to grow. CarnaudMetalbox and Lawson Mardon are two of the most recent suppliers to confirm their participation, welcoming the event as a novel and effective way of presenting new ideas to the market.

Francisco Serrano, Marketing Manager of CarnaudMetalbox said:"It is our objective to focus on packaging innovation and present new concepts to companies looking for new packaging ideas. The event gives us the opportunity to hold meetings with dozens of existing and new customers over a cost-effective period of time."

From one of the two Lawson Mardon divisions attending, John Stott, Sales & Marketing Manager, Plastics also commented "packaging focus '94 provides a good opportunity to meet and discuss the future direction of the industry with influential and 👰 knowledgeable experts and Lawson': Mardon Plastics is particularly looking forward to hearing their views,"

For Van Mierlo Proost another new exhibitor, packaging focus '94 is an opportunity for a European company to break into new ground. "I see it as an ideal platform to introduce ourselves to 'blue chip'companies with a view to working in partnership for the future," said Chris Askwith, UK Sales Manager.

At Tungate Forms & Labels Ray Tungate, Managing Director, saw packaging focus '94 as a 'must'. "We're delighted to be there because it gives us a unique opportunity to Introduce litho web, flaxible packaging in and labals to major end usars."

Exhibitor companies who have confirmed to date include: CarnaudMetalbox Foodcan; CarnaudMetalbox Speciality Packaging DetaColour; Fuji Saal Europe; ICI Films - Melinex Group; Lawson Mardon Fibrenyle; Lawson Mardon Plastics; Pira International; PP Payne; Tha Instituta of Packaging; Van Mierio Proost; Walmsay

Conference details

Leeding industry figures have been involved in tha axtensive and well-researched conference programme rom the outset. For a round-up of the agenda and all the topics to be debated in the conferenca and workshop sessions, plaase turn to the cantre peges.



■ 'We'd like to meet suppliars who can deal with us on a nationwide basie' ■ 'It is a chance to natwork with other packaging buyers, an opportunity not normally possible across different

companies and sectors' ■ Wa are launching a new range of products in the iste autumn and we would like to meet new suppliers who can offer innovation in their packaging I in our sector, we are a leader in packaging innovation

and we want to look at matarlels other than metals and plaatics'

■ 'Wa are considering sourcing all our European packaging in the UK'.

PACKACING MENGINGTODER 1994

22-25 Santamber 199/ Sea Princes

The conference programme

The detailed research among delegates and industry figures has enabled the organisers to put together a highly relevant and constructive conference programme. It addresses many of the current concerns of the industry in keynote presentations and practical workshops.

> "Our aim," says Conference Organiser, Isabel Hutchings, "is to deliver both a comprehensive, strategic overview of the industry for a top-level, decision making audience and to provide a series of Interactive workshops which will produce real solutions and ideas."

The workshop programme will focus on four key areas: technological developments and

innovation,

m fhe environment at minimum cosf and for maximum competitive advantage,

Keynote 2

and integration.

Facing the future

Trying to assess industry trends

of factors - from the globalisation

legislation end technology through

to environmental needs, automation

In a wide-renging keynote address,

Brian Blunden, Managing Director of

Pira international, will cast an expert

and commenfing on the use of such

techniques as Porter's value-added

Single Market and their effect on

area we will focus on," he sald,

and the Pacific Rim."

packaging sourcing is another vital

"particularly in the context of global

increased industrial activity in China

market changes and the emergence of

eye fo the future, considering sourcing

issues as they relafe to the supply chain

"The implications of the Europeen

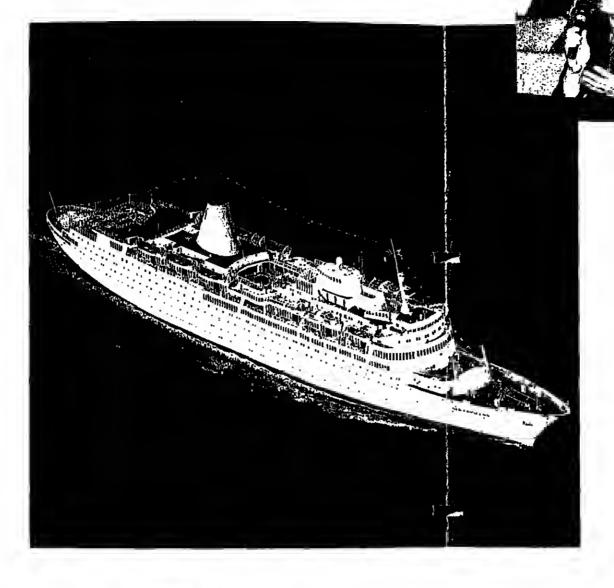
of trade, conforming with new

demands consideration of a wide range

m partnerships · panacea and progress?

packaging price trends.

Separate sessions will be held for different industry sectors or types of packaging, giving delegates an opportunity of selecting the ones most appropriate to their business.



"The radical format of this new-style event really sets it apart from any of the conventional exhibitions and conferences which operate within a market sector. It has been designed to meet the complex needs of senior decision-makers who recognise the value of staying close to industry thinking but whose time for such updating is strictly limited." Martyn Wilks, Market Development Director, Mers Confectionery

"The fact that delegates are included in setting the agenda for the conference programme ensures that the sessions are not only highly topical but also very productive. Participating at one of these events is like being part of a giant industry think-tank." Steven Duncen, General Marketing Manager, Crown Berger

"What's really good is the epportunity to meet and talk to so many key people in one place over two days. The event provides a platform where the top customers and suppliers in an industry can focus on strategic issues and, by doing so, take a real step forward." Gavin Walker, Marketing Director, Cussons UK

workshop

Workshops 1

Innovation through technology

How to create innovation and benefit from technological developments in packaging is one of the four main themes for the workshops programme. Separate sessions will be held for industry sectors and products.

Running the 'Innovation' workshop on drinks packeging will be John Thomson, Managing Director of drinks industry consultants, Zenith International. He seys the priority must be innovation which is merket-fed end profit-driven.

His workshop will focus on a number of key questions such as how can packaging innovators respond to the trend towerds premium and lifestyle products in beer and soft drinks, Afso, what are the new idees in multi-packaging of drinks?

John will lead a lively debate about the advances in material technology and, perhaps more controversially, about the European scene. Will Europe be a slandard market or a series of niche markets and packaging diversity?

Workshops 2

Focus on 'Green' costs

The environment is a major packaging Issue, affecting different material sectors in different ways. The workshops programme has therefore been organised to include separate sessions on plastics, paper end board, gless and metals.

Each, however, will use the theme The environment at minimum cost and for maximum competitive advantage.

Running the metals workshops will be John Mey, Merketing Manager of British Steel Tinplete, and Alex Griffin, National Manager, ACRA. John seys drinks cens, food end petfood cens, paints, aerosofs and other steel-based contelners eccount for two out of every three metal cans on UK retailers' shelves.

The workshop will look at the environmentel profile of steel cans, including recycled metal content, and at the relative merits of recovery systems end competing objectives. "The efm is to discuss all the issues conclusions with the steel packaging recovery plan," seid John.

Price trends -

After a turbulent period arising from the international recession, the packering industry now faces a new challenge so far as pricing is concerned; can the rising costs of raw materials, and hence of

This critical question will come under special scrutiny in a series of industry sector workshops run by Rowena Mills, Chairman end Chief Executive of RMA.

She said: "There has been intense turmoil in the past few years as the effects of recession have been felt in tire world markets. With decreased demand, raw material prices fell. But now as starting to move up."

*The key problem facing manufacturers," she added, "was how they could pess on any cost-based increases while under extreme pressure from major customer groups, pressurised as they are by the supermarkets, to hold prices."

for various Industries including plastics, metals, gless, peper end board.

Britain's increesingly egeing population poses e chalfenge for the industry. With poorer vision and reduced physical ebility. elderly consumers can experience difficulty reading Information on pack and opening products.

This importent issue will be the subject of e special workshop run by Jane Moore and Ken Mulholland Irom the Institute of Grocery Distribution,

Seid Jane: "The elderly are a significant and growing pert of the consumer merket and we have to address their special needs if we ere to meet their expectations. In the workshop, we will be looking et how the industry cen enhence product appeal at the same time as improving legibility and



'The Strategic questions we must face'

in a scene-setting opening presentation, Victor Watson, President of the Institute of Packaging, wifl focus on the strategic questions that decision-makers in the industry are now having to address in the rapidly changing markets of the

"There are many challenges in front of us," he said, "but three, I think, stand out.

"Firstly, there is a growing concentration of power among retailers and manufacturers, which could have substantief implications, and secondly, the general Internationalisation of business is forcing us all to take a hard look at production, distribution and markets.

"Thirdly, as with most industries today, technology and the speed of its advance is making a very significant impact, not least on planning and investment,"

Victor, a former Cheirman of Waddingtons, will also discuss trends

in packaging and provide delegates with his view of how the industry can develop and prosper.





Keynote 3 Are partnerships

the answer

One of the most widely debated issues in the industry is the question of parfnerships, which will be addressed in a keynofe presentation by David Johnson, Business Planning Director of Lawson Mardon Packaging Ltd.

Taking as his theme, Partnerships Panacea and Progress?, David will outline his views end experience of the concept, drawing on examples from his own company. He will stress the need to choose strategic partners carefully end for each party to have a clear understanding of each other's motives.

Partnerships can change existing working relationships and, with the use of the right tools, can bring a range of benefits. But ere they a panacea? David's conclusions are both enlightening and reelistic.

Partnerships ere also featured strongly in the workshops programme wifh separate sessions for different industry sectors. (See Dogma versus reality, Workshop 3)



Keynote 4 What does the

To what extent has packaging innovation become a necessary condition of successful brand merketing? This key question will be addressed by Paul McGowan, Head of international Research at The Added

consumer want?

In a keynote presentation, Packaging for the Consumer, he will discuss the contrasting trends of 'minimalism' and bulk-buying through discount stores, and look af which is the dominant trend.

He wifl also debate the question ~ "What value does packaging innovation reafly add?" - and examine the promotional implications of the part packaging plays in terms of consumer need.

Finally, Paul will broaden the scope of his presentation by focusing on Europe and assessing the degree of consistency on the Continent.

to be faced in the fifth keynote presentation. The address will focus on how the costs involved should be spread through the packeging chain and wifl look at the impact of environmenfalism on the boftom line. If will also discuss . whether environmentalism offers the possibility of cost savings and competitive advantage, and consider the likely long-term solutions to the problem.

Environment the Industry's response

With increasing concern for the

Keynote 5

environment, how should the industry respond strategically to the issues raised? Whaf are the benefits of environmentalism? What are the costs? Who pays? These ere just some of the questions



sessions

Workshops 3 Dogma versus reality

"The dogma suggests that partnership is a panacea to drive business forward," said Alan Cooley, of PMMS Consulting, who will fead the series of workshops on partnerships.

"The reality is that what businesses are really seeking are effective business relationships that are clearly defined, measurable and which genuinely stimulate, drive and deliver change, and so improve the long-term viability of both customer and supplier."

Alan will run separate workshops for various sectors including food, drink, pharmaceuticals, toiletries and household goods. Each wifl focus on the questions: What is en effective business relationship? When and where should such relationships be the prime focus? Why do the vast majority of purchasers Ireat the word 'parfnership' with considerable scepticism?

Workshops 4

Where now?

converted packaging, be passed on?

countries move out of recession, prices are

Rowena will be holding separate shops

Workshops 5

Coping with special needs

which has been involved in a number of ege-releted peckeging initiatives.

openability for the efderfy."

Two other special workshops during packaging focus '94 will highlight specific Issues: 'Peckeging and the Decision to Buy' and 'Technology in Design -New Horizons'.



The **delegate** list

Over 200 delegates from the following list of companies have reserved a place at packaging focus '94

3 M Haoith Care Ltd Pockeging Buyer Abbott Leboratories Ltd Assistant Matariels Procurament Manager

Abel Eastern Foods Ltd Purchasing Manager Alcan Consumer Products Lld Meterial Control Manage Ailled Bakerles Ltd National Peckeging Manager Altied Frozon Foods Ltd Packaging Devotopment Manager Allied Lyons Retail Development Manager Anctior Fooda Ltd Materials Monagei Anglio Oils Ltd Operations Director Aston Manor Brewery Co Ltd Production Director Avena Bakerios Ltd Genarei Maneger B E International Foods Ltd Packaging Buyar Boss Drewars Ltd Packaging Duying Managor Boxters of Speyside Ltd Senter Buyer Beauty International Ltd Dearations Director Beaverlec (Fine Foods) Ltd Purcheaing Minager Bandicks (Moytotr) Ltd Operations Director **Borol Ltd Purchasing Manager** Berry Brothers & Rudd Ltd International Brands Director Gluocrest Convenionce Foods Ltd Purchasing Manager Bodycare Tollotries Ltd Purchasing Manager Bowyers (Wiltshtre) Lid Purchasing Manager Bristol-Myers Southb Phorin. Ltd Phirchasing Manager Britteh Bokorlos Ltd Packaging Duyer British-American British-American Procurement Planning Manager Biltvic International Ltd Director of Purchasing Brooke Bond Foods Head of Purchasing Burger King EMA Pan European Purchasing Manager Burlington Tollotries Lid Purchasing Manager Codbury Ltd Chlot Buyer Cereol Industries Ltd Markoling Manager Chonnel Foode Ltd Commerciat Director Cheahire Wholefoods (Ceroela) Lid Senior Buyer Courege Beer Compeny Ltd Manager Purchasing & Packaging Materials Cow & Gate Nutricle Ltd Purchesing Manager

"packaging focus '94 gives Geest Prepared Foods the chance of meeting new suppliers and broadening development opportunities within a unique business environment. We feel that the two days creates a perfect business atmosphere without the normal distractions and allows us potentially to meet the same number of suppliers that It might otherwise take us a year to meet." Mr Stephen Elkins, Packaging Development Manager -Geest Preperod Foods

Crebtroe & Evelyn Design Director

Crown Berger Lld Now Product Development Manager Cueoons International R&D Packaging Exacultive Dalopek Foods PLC Operations Ofrector Devro Ltd Meterial Logistics Manager **Dewhirst Lorion Lid Duyer** Distriptor UK Ltd Generol Manager Do-It-All Limited Packaging Development Manager EC De Witt & Co Lld Purchaeing & Packeging Development Menager English Village Saleda Packaging Buyer Esso Petroleum Co Ltd Productionn/Peckaging Adviser Evons Medical Ltd Werehouse Supervisor Evedole Foods Ltd Purchesing Monager Everesi Frozon Foode Ltd Buyer Evestien Foods Ltd Compeny Buyor F E Barber Lld Deerations Purchasing Manager Fine Arte Developments pic Group Packeging Manager Fisons Phermacouticele Manager, Renge Management Fisons Technicol Diperotions Head of Purchasing Forcester Foods Ltd Operations Director Fox's Biscuits Ltd Purchasing Controller

G U.S. Home Shopping Ltd Packaging Development Manager Gamea Workshop Ltd Buying Manager Geosi Prepared Faods Packaging Developement Managor Gerber Foods Monulocturing Ltd Purchasing Manager Gleto Manufacturing Services Ltd Packaging Technical

Centre Manager Golden Woot Foods Ltd Purchasing Manager Green Islo Foods Group Packaging Buyer & Technologist Guinness Growing GB Planning Manager H B Fuller U K Ltd. Sales Manager H L Foods Ltd Plickaging Briger

H P Bulmer Lid General Manager - Purchasing H P Foods Ltd Senior Buyor Hartstane Hoslory Operations Manager Hasbra Europo Par kaging Development Manager Haztowood Prosorvos Ltd Purchasing Manager Helone Curtis UK Inc Director of Operations Honkel Ltd Purchasing Manager Highland Spring Ltd Operations Director Icoland Frozen Foods PLC Packaging Technologist

International Distillors & Vintners Ltd Purchasing Diractor Irish Sugar pic Group Peckoging Development Manager J & B Scotland Limitod Packaging Project Manager J A Sharwood & Co Ltd Company Buyer J Soinsbury PLC Packaging Buyer Johnson Wex Ltd Operations Director K P Foods Group Purchasing Director Kalon Group Pic Group Purchasing Director

L E Pritchitt & Co Ltd Buyer L R C Products Ltd Materials Buyer Laporte Absorbents Senior Buyer Lever Brothers Ltd Chief Buver Lever Europo Peckaging Maneger Lover Industrial Ltd Logistics Manager Longitiorne Laboratories Ltd Commercial Manager Lyons Totisy Ltd Maleriels Monager

M O Foods Pic Purchasing Manager M O O Head of RAF Packaging Authority M O D Army Head of Packaging Policy M O D Navy Assistant Director Menor Bakorles Lid Buying Controller Mergetts Food Ltd General Seles Manager - Catering Morks & Spencer plc Peckeging Development Manager Mortini & Rossi Ltd Operations Director Moorland Foods Ltd Purchasing Monager May Pork Limited Group Purchasing Meneger

Multer Dolry (UK) Ltd Purchesing Manager NAPP Pharmecoutical Group Production Buyer Nobal Coalinge Ltd Materials Menager North Devon Most Ltd Purchasing Manager Polathorpas General Menager Park Food Group plc Director Peterson Airon Business Development Manager Patterson Arren Merketing Meneger Pennino Fooda Ltd Peckaging Buyer Porrier (UK) Limited Operations Manager Pilzer Ltd Packaging Buyer

Pharmox Heolthcore Ltd Purchosing Menager Pilisbury Bronds Europo Development Menager Polyceti Products Ltd Purchesing Manager Potter & Moore Ltd Senior Buyer Premior Biscutta Senior Buver Pretty Polly Lid Logistics Director Princes Ltd Peckeging Manager Proctor & Gamble Research Monaga Pure Food Products Ltd General Meneger, Purchasing Quaker Oets Ltd Purchasing Monager R H M Foods Ltd Senior Buye

R W Cosmotics Director Raine's Dairy Foods Lid Packaging Buyer Reckitt & Cotmon Products Ltd Heed of Purchosing Rovion International Lid Peckaging Develop Riminal international Ltd Plastics Packaging Buyer Ross Young'e Packeging Purchesing Moneger Selewoys Stores pic Peckeging Supply Menager Sanoti-Winthrop Production Division Supply Chain Manager

Saphtr Produce Ltd Packeging Managor Schertng-Plough Ltd Purchesing Menager

G G Bexier Ltd Buying Director Scholl Consumer Products Ltd Operations Director

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"packaging focus '94 is different from other exhibitions because of the unique opportunity it affords specifiers and buyers to meet. Mixing with my peer group is not available at most other events so the chance to spend two days with them discussing current issues, innovation and new ideas is something I look forward to." Kevin Hyde, Packaging Development Menager,

The Bools Company ptc Packaging Controller The Cheese Company Ltd Senior Buyar The Invergerdon Distillors Ltd Purchasing Manager The Kerrygold Co Ltd Technical & Packaging Controller The New Covent Garden Saup Company Production Director The Ryvita Company Ltd Commercial Manager The Wollcome Foundation Group Packaging Buyer Thorntons PLC Senior Buver Thorntons ptc Sanior Buyer Tomy UK Ltd Managing Director Toysti Health Drinks Head of Marketing Trellord Pork Bokery Buyer Troubleld of Yorkshire Purchasing Manager Troats Group Ltd Chairman Trobor Sossett Ltd Packeging Buye Tulip Internotional (UK) Purchasing Manager Vitamoalo Packaging Buyer W A Turner Lid Edibles Buyer W Jordan (Ceroets) Ltd Buyer Wolla Great Britein Commercial Operations Mininger Westler Foods Ltd Buying Director White Arrow Express Group Packaging Buyer Whitworths Ltd Packaging Purchasing Manager Wickes Building Supplies Merchandising Manager Woolworths pic Packeging Design Manager



Further details

For more information on being considered as a delegate, please contact Vicki Morison. Attendance invitation only and free of charge to delegates.

Or if you would like to become one of the leading companies exhibiting at packaging focus '94. contact Julian Gorst or John McKee,

Telephone: 081 332 2422 Fax: 081 332 0939

MEET THE ASSOCIATION

Technical excellence at cost effective rates

To some people, the work of British Glass is about bottle banks and recycling facilities but, as Gall Lea discovered in conversation with director general, Bill Cook, there is a lot more to the organisation.

Up until 1987 there were two organisations representing the glass industry - the Londonbased GMF, which was involved mainly with lobbying, and the technically based BGIRA, which was located in Sheffield. The two bodies amalgamared in 1988 under the official title of the British Glass Manufacturers Confederation, which is more commonly

known as British Glass (BG). Dr Bill Cook joined at this time as director general after a career with ICI which spanned 27 years, several countries and various technical and commercial roles. This technical track

in technical research excellence for the European glass industry. Political lobbying forms a major part of BG's work, as with other associations, but Dr Cook emphasises that without the technical back-up, this could not take place.

"A great deal of legislation and issues facing our industry have a high technical content," he says, "so it is important that we have the lobbying and technical expertise inhouse to deal with this." Emissions control and soila ash production are just two of the major subjects tackled by BG over recent months.

BG has also been busy lobbying on environmental issues. It was a member of the original Copac-organisation as well as currently working in the PRG princess. "One of our strengths in this area is that we set up our borde bank scheme many years ago, and with recycling rates of 30 per cent last year, we are well on the way to meet our target of 50 per cent by the end of the decade," says Dr Cook.

Over 16,000 bottle bank sites are now in operation and



Dr Bill Cook, director general of British Glass, pictured promoting the 'flexibility' of gigss in terms of product branding

record joined with his commercial experience is an ideal fit with the role carried out by BG itself, in servicing members in the containers, domestic and scientific glass groups.

There are now around 100 full, associate and research group members of BG which encompass large and small companies in every area of glass manufacture. For example, full members include Pilkington Glass Ltd, container componies such as Beatson Clork plc, Lax & Shaw Ltd and United Glass, as well as domestic glass producers such

as Royal Doulton Crystal Ltd. "Although the first two years after merger were difficult in terms of getting an academic-based and a Lonhased organisation to mix, it is our completeness of industry cover that is now one of our main strengths,"

says Dr Bill Cook. The purpose of BG is to represent the British glass industry in the UK ond Europe, and to become a leader

more are planned. Some, Dr Cook admits, need to be better managed but the vast improvement in general public awareness of the importance of recycling is helping the recovery rates to rise. On the educational front, Bottle Busters, BG's play for primary and junior schools, has been performed in over 3000 schools around the country.

Over a million ehildren have now seen the play.

Governed by a Council and run by a finance and general purposes committee, BG has 43 full time stoff at its Sheffield headquarters. Over 30 perform purely technical functions and three are lobbying full time. "We have taken on ten graduates over the last four years and this has benefitted our research and development projects enormously," says Dr Cook.

Research takes on many forms within the organisation, from specific development contracts with member companies, to the setting up of the British Glass Foundation which has more to do with 'blue skies' projects in conjunction with universities and colleges.

Positive margins

Indeed, the positive margins gained over the last three years from what are described as core research projects has helped fund the setting up to the British Glass Coundation. Funds from the foundation will be used to establish university research programmes within colleges such as Shoffield and Sheffield Hallam.

"If and when any of this outside research is identified as being valuable to BG members, it will then form part of

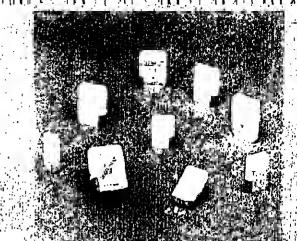
Cook, "It is through this kind. of work that we can demonstrate our standing as a development organisation rather than just a purely research organisation.

our on-going core research.

"There is nowhere better in the UK to source a 'new glass' than at BG as our overall capability, built up via a rigorous research team, is much berrer than other independent organisations," he says.

In order to protect the value of the work done for members at BG, a modest patenting programme has been developed with the approval of the companies involved. Worldwide cover for interesting new glass compositions has also been established.

British Glass is based at Northumberland Road, Shelfield S10 2UA - tel: 0742 686201, fax; 681073.



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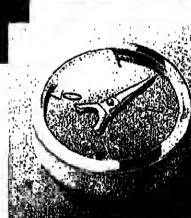
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Handling system helps to ease line pressure

been commissioned at Brityic Soft Drinks Ltd's plant in Rugby. The system has been designed to ease the increasing pressure on other lines at the factory.

A special version of the Wagtail 2000 multipack orientation system has been installed tn turn and divide multipacks at speeds of up to 300 a minute on the sixean pack. It ean also operate on four and eight-ean packs, as

I hie to the superior proper ties, case of processing and per-

formance, py continues to be

the first choice for rigid con-

tainers destined for the dain

market, says Dow (UK: Lake)

tel: 081-848 8688, fax: 081-848 -

5-100). The resin is said to med

encironmental needs without

"Broad seal

compromising processing-

window"

Tests have shown than the residence

meets these processing needs

through a broad sealing win-

dow, smooth and homoge

neous peeling and total compliance with all taste and

According to Mr Bubes,

converters, packers and tenders

can be confident that Styron FL 5012 ps resin for scalable and

peclable lids not only improve environmental performing

but also provides a fully of

mised lid solution for not

mineral water and spirits

con hornes a minu

Speed is up to 650 bordes?

minute on, for instance, 2 15

litre pet buttle, says S&B

(Blacknest, Alton, Hants

GU34 4PX - tel: 0420 22669

Both series of machines

tenance and cleaning time.

fax: 226x7).

food packaging containers.

odour requirements.

side House, Stockley Park 153 Uxbridge, Middx UBH 1BE

sealable/peelable lidding for

monopolymer pack to be pro-

The resin allows a

"The Dow solution

addresses the needs of each sec-

environmental performance

appreciate the flexibility of the esin in meeting their require-

extensively"

Styron FL 5012 resin is the result of four years develop-

ment work and has been tested

extensively with converters,

The range of medium speed

rotary liquid filling machines developed in France by Sidel

Packaging for glass and per

bottles of both still and ear-

bonated drinks, particularly

mineral water, is now available

in the UK for the first time,

following the appointment of

Sussex & Berkshire Machinety

For earbonated drinks, the

RSG range is available with 12-

100 heads providing speeds up

to 400 bottles a minute on typ-

ical 1.5 litre pet bottles. Sidel's

RSP machines, also with 12-

100 heads, are designed for still

filling, aimed principally at the

as sales and service agent.

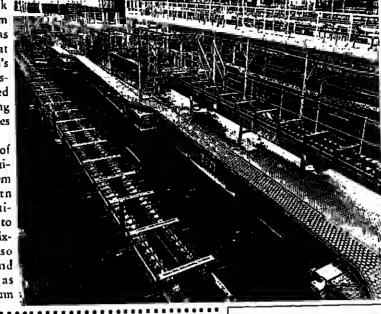
"Converters utilising the new lidding concept will

will benefit packers.

ents," he explains.

"Tested

olystyrene tubs.



changeover time.

Packs are their conveyed along a low back pressure conveyor, with fast changeover guide rails, casuring smooth, reliable handling of packs from the Wagiail outleed, says Dunn (Smishy Road, Ashby-de-la-Zoueli, Leics LE65 2UR - tel: 0530 414444, fax: 411110).

The system has automatic selection of control for one, two or three lane operation. Analogue control of the metering belt conveyor optimises product flow and minimises line pressure at the infeed of the shrinkwrapper.

"Dunn has a good reputation and a lot of experience in conveying systems," says Bob Pursley, factory manager at Britvic Rugby. "We are very happy with the system and the way it is performing."

The Wegtall 2000 multipect

THE REMAINING US

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Collar style board pack for own-brand lemonade

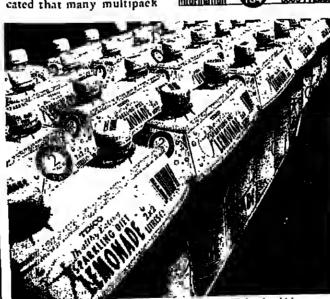
mixer drinks from Tesco are one of the first bottled prodnets to be marketed in a 'collar style' board multipack from Walinsley Ltd.

The move follows an £85,000 investment by Walmsley in a Keck multipacking system - only the second of its kind in the UK - to enter this market. The system produces a multipack tray or header which feature a tapered design. This is said to allow for more effective stacking and transit options.

"Our market research indi-

users are consistently troubled by handling problems and inadequate machinability of the packs on the end of filling lines," says John Hepworth, md of Walmsley (Dunnings Bridge Road, Bootle, Mcrseyside L30 6TR - tel: 051-523 2222, fax: 051-530 1244). "Keck has enabled us to develop more material efficient constructions with a proven level of line performance."

G Barraclough has also adopted the system for its



The coller style board multipack provided by Weimeley Ltd

As part of its continuing efforts to produce 'long life' products from recycled pvc bottles recovered at its Reprise plant, European Vinyls Corporation (EVC) has earried out a successful development programme to produce the foamed core of coextruded eladding from recycled bottle material.

equipped with filling white The process is based on developed by Sidel Package conventional foam technology that use the minimum numer in which a solid pvc skin is of seals. This, points out his coextruded over a foamed pve-Ralston at S&B, reduces mul substrate. Bottle recylate is particularly suitable for this appli-

eation because it provides high melt strength and has the right rheological characteristics to give a good foam structure, says the company (Chester Road, Warrington, Ches WA6 0DF tel: 0928 725311, fax: 725101).

Foam cladding has been extruded on a production scale coextrusion line at EVC's r&d laboratories and the company will now be working with producers of foamed products to earry out production trials.

For further K10 Call for details



PACKAGING NEWS/OCTOBER 1994

Cookpack dual ovanabla packaging system by Bonar Carton Systams

Minimal format gives ready meal savings

Savings in materials and precduction costs are among the benefits of a compact, dual ovenable pack for frozen and chilled ready meals, just launched by Bonar Carton Systems.

Called Cuokpak, it is described as a minimal packaging format which can be erected, filled and sealed on standard Bonar Diotite cartoning equipment. This gives food manufacturers the flexibility of running either conventional freezer or dual ovenable eartons on the same litte according

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to need, says the company (Chency Manne Trading Estate, Swindon SN2 21 T - tel: 0793 529266, fax: 644197).

Cookpak is made from transparent or black pet coated buard, and because there is no outer cartoning, sleeving, tray or lid required, a 40 per cent reduction in packaging compared to other systems is claimed. The packs are designed to be filled directly with product for display in a freezer or chill eabines



Quick turnaround on blisters

Contract packer of tablets and capsules for the pharmaceutical and health foods markets, Wasdell Packaging has just had fourth Noack blister packer supplied by Romaco UK.

'Quick turnarnund is rital in our business, we frequently receive products on a Monday which need to be packed and despatched by friday, so we need machines which can be changed over with minimal downtime," says Richard Wasdell, managing director of Wasdell.

"The Noack is ideal for us in this respect," he continues. "Its design is very straightforward, our engineers understand the machine well and we are able to change products in a very short time. "We handle a wide range

of formats, packing tablets or capsules intu blister or strip formats, foil or pve," he continued. "Having bought our first Noack in the 1970s, we Northern Ireland. They will

change parts, so that we are prepared for B flexible, well tract packing

6YA - Icl: Pharmaceutical contract packer Waadaii has installed a tourth Noack bilster packer

0480 435050, fax: 414220). be used to pack a range of At the same time, two Galen's own branded and Noack DPN760 blister packgeneric pharmaceutical proders have been ordered by ucts, in both tablet and capsule Galen Ltd of Craigavon, presentations, into clear or

Typically the machines will run at between 35 and 40 strukes a minute, producing three hlisters per stroke.

For further (10) Call for details

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says the University, will prove

almost every

eventuality."

DPN760 is a

ideal for con-

businesses.

says Romaco

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ness Park,

Canths PE18

The Noack

London Guildhall University is bines day release and evening offering a course that helps prepare candidates for the Institute of Packaging's Diploma.

It starts this month and ends in May 1995, and com-

PERFECTION IN PET!

study periods. Candidates will go through 45 informal and formal lectures, discussion periods and site visits which,

valuable for any work situation, even if the examinations

Classes will take place between 2.30 and 7.00pm mil Wednesday afternoons and the

full course costs £350. A detailed programme of each session is available from the Shon Course Unit, London Guildhall University, 84 Moorgare, London EC2M 6SQ - tel: 071-320 1430, Jax: 071-320 1439.

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Biological diversity "During the last decade, special regard has been given to biological diversity," explains Liisa Saarenmaa, research seientist at the University of Helsinki. And the Norwegian Forest Owners Association makes it clear that modern practice is underpinned by legslation, with annual growth exceeding use.

modular folding box systems.

satisfy customer demand.

Success in the business has

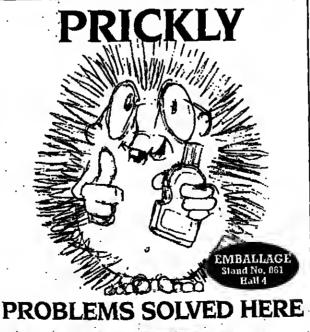
been helped by the increasing

use of returnable rather than dis-

areas such as pharmaceutical and

Representatives agree that though there are increased costs involved with each upgrade of eco-sensitive forestry techniques, the industry will be prepared to face this.

These new methods were outlined in a London presentation. Summarising the changes taking place in the industry is a 28-page bookles, Scandinavian Forestry, available from the Pulp and Paper Information Centre (I Rivenhall Road, Westlea, Swindon SN5 7BD tel: 0793 887468, fax: 886182).



engineering skills and the most comprehen-sive range of quality pressure-sensitive labellers are the strengths of Harland Investment in R&D has

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Joint sourcing finds solutions

Forestry advances

The combining of GPG Conlainers and Linpae WCB under the divisional banner of Linpac Materials Handling will help customers to source the best solutions within the range of a single business, says Linpac.

Previously separate divisions within Linpac Mouldings, GPG and Linpac WCB will have much greater opportunities to expand together, says general manager David Woodford. "This is a wonderful upportunity to improve our service, and gives us an unrivalled range of manufacturing processes to call upon to provide solutions to materials handling posable packaging fur transit. In problems," he says.

This side of Linpac's busi- retail distribution, systems which ness is expanding in mainland have since become the norm in

Forestry industries from the

traditionally competitive Scan-

dinavian countries have over-

come their differences to

present the latest advances in

Jan Remrod, director gen-

eral of the Swedish Pulp and

Paper Association, says there

are three principle aims behind

the cooperation between his

country, Finland and Norway.

People should be made to

understand exactly what

forestry practices entail, what

improvements have been

made, and how the industry

ean contribute to overall eco-

nomic growth.

their sector.



Germany were first developed in management is also offered, says pac, says the company. Design (Luton Rd, Dunstable, Beds engineering teams are based at tel: 0582 664255, fax: 668848). three sites in the UK and in For further K10 Call for details
France and Germany. Logistics Information 148 0839 772288

the UK and Germany by Lin- Linpac Materials Handling

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CONTAINERS & TRAYS NOW CONSISTS OF:-

Greg Mullins has been appointed managing director of Leedy-based Plasiona, a subsidiary of John Waddington ple.

Barhara Jackson, previously with Reed Exhibitions, has joined PPMA, the Processing and Packaging Machinery Association, as business development consultam.

Robert B Williams has

stepped down as managing director of Schades 1 td, and is succeeded by Philip Clarke, the previous sales and marketing manager. Mr Williams, who is group managing direcnor of Schades Papir a/s, will remain on the board of the UK company as chairman.

Sandy Younger, marketing director of The Simpson Sandy Youngar

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platter to the family of Oval Plattars. The 6550 mini-platter

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annivarsaries - in fact any calabrations that needs that

welcome to our new arrival!

Company

Label Collid, has been elected president of FINAT, the international association of the self adhesive label indusrry. Mr Younger was elected to the office for the next two years at this year's Congress

in Cologne, Germany.

PEOPLE

Neal Whipp has joined Box-Joldia Lid as marketing and sales director, having previously been head of sales and markeing at Boots Print Ltd.

Michael Mealing has been

appointed as the new chief

executive of the Institute of

Wastes Management.

Geoff Holbrook has joined l'imgate Forms & Labels as the southern area salesman, having previously worked for the ompany Pricemaster.

Fony Mitchell, formerly of hermotorming company Impact, has joined Polbeth Packaging as director of sales.

Ron Harding has been appointed sales executive at Rober Unughton Agencies, a

Bert Keary, previously with UCB Packaging Ltd, has joined Paramount Packaging (UK) Ltd as production manager.

Harland Machine Systems Ltd as technical representative for irs range of pressure sensitive labelling systems. He will represent the company across the South West of England and South Wales.

Mark Davies, previously with APV Baker, has joined the Klockner Hansel (UK) sales team and will be responsible for selling the range of processing and wrapping machinery.

Gordon Mackenzie has joined Fleet Lahoratories as sales executive for the contract manufacturing side of its pharmacentical business.

Colin Stickland has been appointed product manager for the tesa division of Beiersclorf

manager for the south east a T & D Packaging, after B year in the packaging industry and the past seven with T & D.

Ian Owens is the new technical area sales representative for the North of England and Scotland for T & D Biscon, a division of T& D Industries ple. Paul Gibbs has joined Deco-

rative Sleeves Ltd as southern area sales manager having previously spent 10 years with Courtaulds Packaging Cannings.

Giovanni Solferini has resigned from his position with the Guala Group to pursue his own activities.

Dave Charlton has been made finishing technical specialist at Pershke Price Service Organisation to help extend the market for the Herzog & Heymann range of inklers.

Roger Rowland has joined Claygate Chemicals as technical sales manager and will handle sales of a range of opp laminating films and laminating equipment.

Peter Clarke has been appointed a non-executive director to the board of Jarvis Porter Group plea

David Hurton has joined Arjo Wiggins Carbonless as market manager for Idem reels and Idem superior products.

The People Page is sponsored by

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move that follows the recent

acquisition of a majority stake

in the Letchworth agency by

Engelmann and Buckham

(Huldings).

Mare Jacobs has been appointed technical manager for Mead Coated Board (UK).

John Harbour has joined

Ted Whitehead has retired Tel: 0480 493344 Fex: 0480 493343 from his position of area sales

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Pallets checked, scanned and thoroughly tested

A pallet inspection system combining both mechanical strength testing and camerabased surface scanning is now being marketed in the UK by J-L Automation Ltd.

While including mechanical measurement of the loading capability and the strength of joints, as on several installed systems. JL has worked together with Thyssen Still Otto Anlagentechnik to add a vision inspection module which checks for surface damage and accurately measures the overall size.

The optical phase consists of a pe-controlled vision unit incorporating an integral vision board and digital signal processing unit. Up to three eam-

cards for hanging displays is a

self- or heat-sealable pe pack

from Braythorn ple, with a

Euroslot punched directly into

Product names and infor-

mation or logos can be printed

directly in up to six colours

onto the Euro-Display pack,

the plastics above the seal.

We've developed a range

of pressure-sensitive labelling machines and

systems that are full of

proven - and often unique - features. From

applicators to high-speed rotary machines, Harland

eras can be connected to the eras, checking for the sort of basic system, and by adding a damage that might be inflicted multi-camera board this numby fork lift trucks. Visual ber can be extended to eight. inspection is the only way of "Examines checking block damage economically due to the wide plank range of possible faults, says

spacing" Way, Sunderland, Tyne & Wear SR5 3NX - tel: 091-516 Camera checking from top and 0007, fax: 091-549 3662). bottom examines plank spacing, widths and overall size, example of the sort of fault which is entical if the pallet is that might pass a mechanical going to enter an automatic test but will be picked up by handling system. a vision system. If left unde-

Inspection can take place while the pallets are moving, at speeds of up to 320 pallets an hour, says the company.

021-359 8412).

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costs, says the company.

Other checks that are carried out include detection of Block inspection is carried

dling line.

I-L (Unit 2C Hylton Park,

Hylron Riverside, Wessington

A twisted block is one

tected this might iam a han-

contamination. Parameters can he set to determine whether given test restilis are acceptable or not for the particular line or application. An additional camera can check for identifieation such as barcodes.

guidance.

prorruding milk and of surface

"Technique added"

J-L has added the cechnique to its existing range of high speed machine vision systems. These account for some 200 installations throughout Europe ranging from cosmetics inspection to robot vision

The company estimates that there are around 20 million pallets throughout Western Europe used for both storage and transit, representing in total a multi-million pound investment.

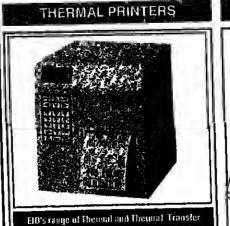
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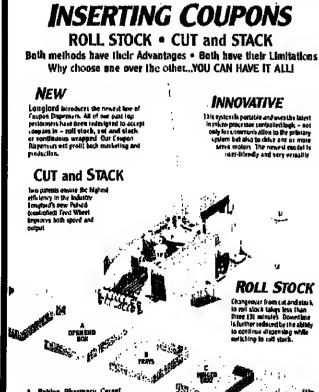
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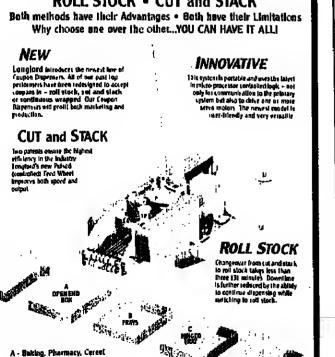
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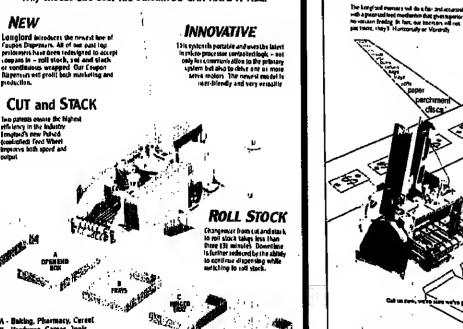
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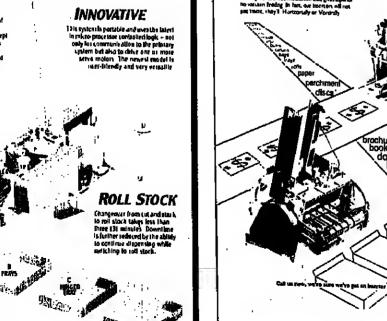




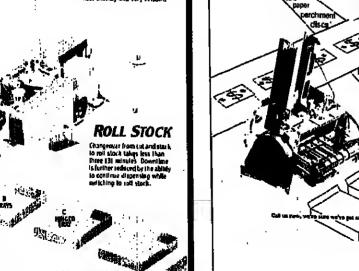


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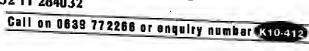
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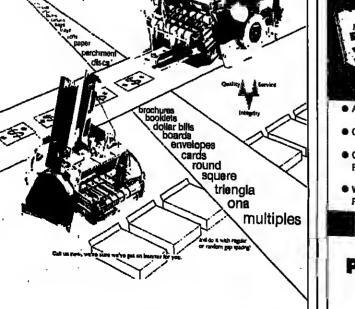






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Howden can handle it!

Sticker for stacking An adhesive which is said to overcome the need for shrinkwrapping or banding niethods to be used on palletised systems, by providing the means to hold product in

> been lannched by Dunlop Adhesives. Dunlop sees the use of this adhesive as particularly applicable to European markets, notably Germany, where there is increasing opposition to shrinkwrapped products due to the DSD recycling system.

the stacking position itself, has

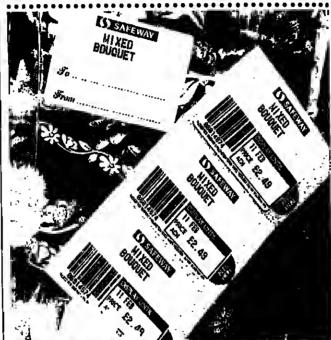
The adhesiva givee auli iclent bond strength to allow product to be stacked while still being eesily seperated for hendling

Tested to European stan-

dards, the adhesive eliminates the need, in most cases, for shrinkwrapping and banding of flat walled carrons, says Dunlon (Chester Road, Birmingham B35 7AL - tel: 021-373 8101, fax: 021-384 2826).

Instead, when applied to the 'inside' surfaces of the carton, the adhesive provides sufficient bond strength to allow product to be stacked in the normal manner while still being easily separated for handling. "This product can be easily

and almost instantly applied either by hand or automated equipment and shows no detrimental effect on packaging, either visibly or by touch," says Maleolin Cox, marketing manager of Dunlop. "We are now actively seeking companies that may be interested in this palletising technique.



Double in one label

A point of sale price label that converts to a gift label, and back, has been produced for Safeway by Norprint UK.

At first glance, the self adliesive label looks like a conventional price and product label. A 'peel here' tab, however, indicates that the bottom portion - carrying the price and other details - can be removed. Revealed beneath is an identically coloured label with 'to' and from' preprinted as in any gift label. The only other preprint remaining is Safeway's name.

Boston, Lines PE21 9HZ - tel: 0205 365161, fax: 364825). The three colour label, used initially on flowers and pot plants, is delivered direct to Safeway's suppliers. They overprint the necessary variable information.

reseal' construction is that if

the label is tampered with or

part-peeled in store, the peeled

portion can be stuck down

again by Safeway staff, without

spoiling the pack, says Nor-

print (Horneastle Road,

The key to this 'peel and ********************************* lapes transit wrap easy to dispose of

Buyers of self adhesive tapes from the tesa division of Beiersdorf UK Ltd will now have product delivered in transit packaging designed for easy disposal.

For example, inner cartons have now been replaced with pe films and bags, while intermediate silicone paper layers have been substituted with pe intermediate layers. All labels are now pe based.

As well as providing simple disposal, with shipping cases

just one other material, pe. being used, the overall weight and volume of packaging has also been reduced, says the company (Yeomans Drive, Blakelands, Milton Keynes, Bucks MK14 5LS - tel: 0908 211333, fax: 211555).

At the same time, Beiersdorf points out that pe provides an excellent dust and humidity barrier and, because it is transparent, it also helps in the unpacking of cases.

Swindon students show design pedigree

Vast numbers of prizes are always won by Swindon College's students in the IOP's Student Starpack Awards. This summer, Gall Lea visited its tinal year show to find

out more about how the college prepares its national market. The HND Diploma course students for the future

Visitors to Swindon College, School of Art & Design's final year show this summer saw not only the larest work of the BTEC HND Packaging Design students, but also learnt that a BA (Hons) degree course - validated by Cranfield University - will run from this Ausumn.

According to course leader, Rod Simmonds, the degree course will put more emphasis on research based around design parameters and provide more in-depth knowledge to students in, for instance, areas such as ead, materials and marketing.

"We expect degree students to show greater ambition in terms of eareer development rather than just wanting to learn to be a good designer," he told Packaging News.

Based on a common core of visual, historical and critical studies, the degree course

offers a choice of one or three specialist pathways: graphic design, packaging design or illustration. In each pathway, emphasis is placed on professional practice and close links with industry are fostered, underpinned by Business and Professional Practice studies.

In each of the three years, smdy of a foreign language and exchanges with European countries are included, which are said to prepare students for work in an increasingly inter-

will continue to run at the college, a course which since it was inaugurated in 1987, has established a high reputation in the packaging field. Past students are now working in all areas of packaging and related design industries.

Specifically, the course aims to produce voing creative designers who have an awareness of marker, production and environmental considerations which they can apply in three design areas:

 Design consultancy · Packaging manufacture design function · Packaging user design

function

This year Swindon picked up the Erie Diekens Memorial Award for the third consecutive year in the Institute of Packaging's Student Starpack Awards. This cup is presented to the college winning the most awards throughout the competition.

Close links with industry either through official channels

Mark Wardlow's Kla-ore pouch was daelgnad to premoto en aconomic 'aco-Irlendly' alternetive to the pat bottla. Interest has been shown in the concept by a larga exparmarket chein

such as the Starpack competition or with individual companies are a priority for the college. This has always been the case on the HND course and will continue with the students studying for the degree.

A recent example of working with industry has been the project set up between the college, carton manufacturer BPC Taylowe Ltd and its customer, Elida Gibbs. Students were set a brief of redesigning Elida Gibbs' Lynx 200ml shower ge and 150ml body spray pack. It involved submitting a constructional and graphical design solution which had to be presented in a way that allowed at least part of the con-

tents to be visible. The pack had to be con-

course, contact course leader, Rod Simmonds at Swindon College (Regent Circus, Swindon, Wilts SN1 1PT - tel: 0793 491591, fax: 641794).

Packaging avent. He proposed a commercially viable cold seal, llow wrap loll which atili pragerygg the brend image



two components - a earton and vac forming - and had to be easily erected and filled by hand. It also had to be economical in terms of perceived environmenial standpoint and on

unit price. A £150 award and a four-week work bursary was on offer to the winner. Taylowe has worked with Swindon College for several years, and are convinced that it is in the packaging industry's own interest to give students the opportunity to realise their potential.

Work with the college has led to three students finding employment in Taylowe's design department.

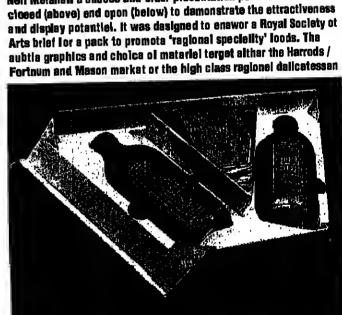
This sentiment is echoed by Kumar Abraham, packaging project manager at Elida Gibbs, and one of the panel of judges for the Lynx project. We encourage links between education and industry and are delighted with the efforts from the students in response to the brief," he says.

For further information on either the HND or Degree

For further (510) Gell for details

Mark Bowman redosigned the peckeging for the Kit-Kat brond in response to the *Packaging News* brief eat et the National





Nell Merahall'a chaose and cidar pracantation peck le shown

Mark Wardlow's eterso peck was designed for the Student

parceived added velua.

Starpack compatition. It is a transparent pvc pack with foam

styrene cornar supporte which hold the otoreo in place. It also

gives the etarae excellant protection and viaihility, ee wall as

SHORTER LEAD TIMES - INCREASED SERVICE UK manufactured high quality rigid films for the display and packaging industries.



Bach Yen Tren's peck for The Body Shop le a simple but effective

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GLASS ENTERS A SECOND LIFE

Even while packaging was set to overtake building as the biggest UK user of plastics, glass was proving that it had plenty of benefits and imaginative design possibilities of its own.



A MIX OF MESSAGES FROM AN EXPERI-MENTAL '60'S TOILETRIES PACK

Call on 0839 772268 or enquiry name



THE CARRY-HANDLE ON CARTONE OF MR KIPLING CAKES WAS SUBSEQUENTLY DROPPED AND INCORPORATED INTO THE LOGG

he I abelling of Food Regulations, first laid before parliament in December '67, were raising a storm of protest early the following year. The provisions, when put into effect in January 1971, would significantly add to the cost of packed food, said critics. "In fact, the regulations appear to be yet another club fashioned by the government to beat to death its own prices and incomes policy," PN growled in its February '68 front page lead.

Plasties accounted for ten per cent of nuney spent on packaging in Europe, delegates were told at a conference at the heginning of 1968. These materials were no longer considered to be novelties, and research among housewives, comparing findings from six years before, found that plastics packaging was no longer considered to add to the final cost of a product.

But glass was fighting back with new designs and marketing strategies. Now-familiar packs appearing on the scene for the first time included the Teacher's secteh whisky clear glass bottle. This oval-section bottle from Rockware Glass replaced a tound green one.

Containers designed for reuse included, in March '68, the Maxwell House "Old English" eoffee/storage jar in opal glass, also from Rockware. With a height of six inches and diameter of four inches, the jar was probably the largest ever opal glass container made in the UK, said PN.

The pack, which included a plastics stopper, involved an early example of tamper evidence. As PN explained: "To give security in transit and deter pilfering, there is a band of pvc around the join of the lid and body. This is applied by hand

and then shrunk into place by a shrink tunnel."

General Foods had been having great success with its Maxwell House pack incorporating a reusable glass tumbler. The closure was a snap-oit



CHILLED DESSERTS WERE MAKING AN APPEARANCE, PACKED IN PLASTICS TUBS WITH CARD OR FOIL LIDS

pp lid over a Lectraseal foil membrane. The 4oz tumbler was produced by Ravenshead Glass and supplied through Johnsen & Jorgensen Ltd.

A snug fit between bottle and closure is to be expected, but the Union de Brasseries Parisienne took this one step further, adapting the base of their beer bottles to produce a cavity which acted as an "opener" for the twist-off erown of a second bottle.

But in some volume applications, glass was

seen to be slipping. At the end of 1968, East Kilbride Dairy Farmers of Glasgow became the first dairy in the UK to pack milk in Tetra Brik cartons and the first in the world to experiment with two-pint cartons. Other dairies were planning to follow this lead, installing standard or ascpile filling equipment.

French mineral water Vittel had moved out of returnable glass into an Oscar de l'Emballage winning pvc bottle. The company required that the bottle should cost no more than the glass it replaced. More than six years of development went into the launch. The bottle could be filled at speeds of up to 12,000 an hour.

In-mould labelling of plastics could be applied to any shape of pack and any of the commonly-used blow-moulding plastics, manufacturers were saying in June '69. Etimex and Battenfeld of Germany had jointly developed the Formprint system, shown at interpack the month before.

Among packs highlighted in an October '68 profile of cartoning equipment specialist Jacob, White & Co were cartons for Mr Kipling eakes.



Glass manufacturers were encour aging re-use of their containers rather than disposal

Some of these included a earty handle for these very weighty goods! But like so many of the innovations of the '60s, this one did not last.

PACKAGING PICTURES KINDLY LOANED FROM THE ROBERT OPIE COLLECTION AT THE MUSEUM OF ADVERTISING AND PACKAGING, GLOUGS = Tel: 0452 302309



If you're not fully aware about the benefits of Borden's Resinex Cast Co-extruded Pallet Stretchwrap, here's something to chew over.

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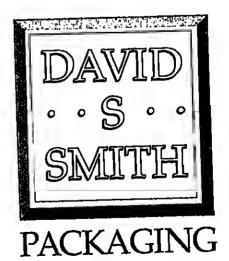
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Another innovative example of David S Smith's on-going development programme. But that's what people have come to expect from one of Europe's major players.



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A company within David S Smith Packaging which operates from 29 locations in the UK and Europe.

"The extensive interest for on show will continue Pack Expulsionehallenged record as this hemisphere's leading and largest showcase of packaging and packaging related converting machinery, materials and technology," says show committee chairman, Wilhem Bronander III of Scandia Packaging Machinery Co.

In 1992, more than 65,000 visitors attended the show and the organisers expect well over 70,000 international and domestic attendees for this year's 900,000sq ft event.

Center has been expanded for the show, as PMMI expects a 35 per cent increase in overseas visitors. Located in the Mezzanine Level of

the North McGormick Place, it will **PACK** include a market develop-**EXPO** ment office. full interpreter facilities and currency exchange desks.

"The packaging machinery manufacturing industry is an international hitsiness," sayı PMMI globalmarketing committee chairman, Jeff Ake of Electronic Liquid Fillers Inc. "At Pack Expo 94,

INGLOBALIN

L' = 47.02

in order to present our company logo in a consistent minner, we are implementing a new colour quality control program. We shall expect our peckaging printers to be able to verily accurate colour reproduction and provide us with written reports.

The tolerance specification for all colours ie by CMC, ℓ :c rollo of 2:1 and cf = 1.2.

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provide international visitors with information about US manufacturers and assist them in purchasing and importing US equipment."

> Information on the show is available from I'MN11 (4350 North Fairfax Drive, Suite 600, Arling-10n, Virginia 22203, USA nel: +703 243 8555, fax: +703 243 8556).

 The Institute of Packaging Professionals (InPP) have arranged several conferences and seminars to run immediately prior to Pack Expo on the Friday and Saturday (11-12)

introductory level courses on packaging machinery, flexible packaging and pack testing, up to a training seminar for packaging sales professionals. Telephone: +800-432 4085 for further details.

 The Council on Packaging in the Environment (Cope) will host a one-day conference -Saturday 12 - on global environmental packaging issues. It will include presentations on current and developing regulatury issues in Europe and North America. Contact: Holly Essler at Cope - tel: +202

331 0099, fax: +202 466 5447. Here, we preview just some of the new products on show during the event.



Label printer suits moderate production

Said to offer the latest in print and apply technology. Matthews International Corporation will launch its Model 8221 label printer/applicator.

Depending on label size, up to 65 labels a minute can be applied, which makes the equipment ideal for moderate production rates, says the company (6515 Penn Ave, Pibbsburgh, Pennsylvania 15206, USA - tel: +412 665 2500, fax: +412 665

2550). A special tamp arrangement is The Model 8221 lebel printer/emplicator said to ensure preeise label placement to an accu-

racy of $\pm \frac{1}{16}$ in. For reliable operation, the 8221 Mini continuously monitors the printing process and label supply status. Led indicators show the operator error and fault messages, helping in the set up and operational trouble shooting. A host of diagnostic tests assures virtually error-free labelling, says the company. It handles many barcode symbologies and, due to the small footprint, the 8221 Mini can fit into the most compact of manufacturing spaces. Booth: 2480

≘ 24610

For further K10 Call for details



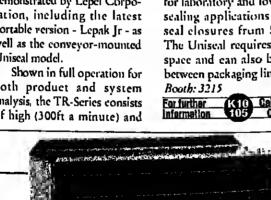
The versatility of the TR-Series induction capsealers will be demonstrated by Lepel Corporation, including the latest portable rersion - Lepak Jr - as well as the conveyor-mounted Uniscal model.

Shown in full operation for both product and system analysis, the TR-Series consists of high (300ft a minute) and

lower volume units, at 60ft a minute. Accommodating seal sizes frum 5-160mm, the equipment delivers high efficiency performance for a variety of product markets, says the company (50 Heartland Bonlevard, Edgewood, NY 11717, USA - tel: +800 321 6008, fax: +516 586 3232).

The Lepak Jr is designed for laboratory and low volume sealing applications and will seal closures from 5-70mm. The Uniscal requires no finor space and can also be moved between packaging lines. Booth: 3215

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PACK EXPO PREVIEW

Conveyor cuts damage

Designed to reduce product damage during conveying by eliminating the mechanical start/stop transients common in scale feed applications, the Iso-Flo smooth-eyele vibratory scale feed conveyor will be shown by Key Technology Inc.

Also on show will be an on-line scanner which provides real time quality analysis for mass flow-fed food and non food products and a new Iso-Flo conveyor, which is designed to reduce breakage of delicate products in conveying, by sliding product forward on the conveyor bed using reverse

A wide range of vibratory conveyors, all designed for reduced energy and quiet oper-

ation, are offered in the Iso-Flo range from the company (150

3364, fax: +509 522 3361). Booth: 3027

Avery, Walla Walla, WA 99362, USA - tel: +509 522

Shrinkwrappers to be demonstrated

Three shrinkwrapping systems will be demonstrated by Polypack Inc at the show.

The company supplies a range of shrinkwrappers that offer the capability of both sleeve wrapping and total enclosure of products. At the show, a sensi automatic, manually operated machine will be one of the lines to be exhibited. auto-collating intermittent model and high speed

continuous Polypack (10650 72nd Street North, Building 402 - Largo, Florida 34647, USA - tel: +813

automatic. Polypeck inc supplies a renge of shrinkwreppers 546 5761, fax: +813 544 4165). Booths: 417 and 2619



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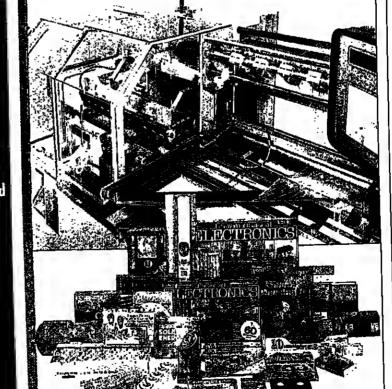
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PACK EXPOPREVIEW

BRIEFS

AS WELL AS SHOWING Its Piclor, Sirius and Comet IP85 raied lebel applicator systom tor fhe tirst time in the USA, a range of high quelify lebelo will displayed by Reriend Machine Systeme Ltd (061-848 0622). Heriende will be on its new owner, Engraph's, stend. Booth: 1019

AUTOPROD INC Is introducing en fn-ifne cup fill/rollstock seel/cep system employing | Benhii cleen in plece butler filling units. The FP 1 x 4 TE combi-evstem fille 125-1200cc pots el specús up to 14,400 conteiners en hour. It la ideal for tood products, seys the company (+813 672 7753). Dooth: 2171

TETRA LAVAL Food Hoyer will leunch the Hoyer KP certoner ao well es demonstreting e Tiromei 4000 steinless steel ffe mechine trom Tetra Lavel Convenience Food Inc. Operating speede ot up to 3000 cartone e minute cen be achieved. Booth: 2802

SPONSOR OF PACK EXPO, PMM has formed e working eillence with the Grocery Menufecturere of Amorica (GMA) with the tirst results being the co-eponsorship of PMMI's new peokegtng technology trada show by the GMA. The show - Peck Expo West - will be held 9-12 October, 1995 in Las Vegas.

Augur fill control simplicity

comrolled anger filler - the Model 1800 - will be introduced by Mateer Burt, as well as an ontsert applicator for use in labelling applications and a Neotion filler for companies requiring metric standards.

The anger tiller is described as reasonably priced and offers Innetional



model 1800 fills powders, liquids, creams and pastes at up to 150 The outsert applicator is for customers. that require a folded leaflet to be attached to

a pack or container, such as pharmacentical information, coupons or recipe booklets. Available as a free

Smooth integrated transfer system is the simple and fast size

pack bottles, cans or eartons at

speeds of up to 60 trays a

minute and, because of the

smooth transfer incorporated,

The Modef 1800 tiller

system is the ILU labelling unit from the company (434 Devon Park Drive, Wayne, PA 19087, USA - tel: +610 293 0100, fax: +610 341 9345).

The model 1000M metric auger filler - the latest in the Neotron range - will fill at speeds up to 120 containers a minute. The same filler can also be changed over from liquid to powder filling in less than 15 minutes, says the company. Huoth: 409

changenver, says the

company (9511 West

River Street, Schiller

Park, IL 60176, USA -

tel: +708 678 9034, fax:

The integrated line

comprises the model

three components in

graphies display

sercens and local controls at

key locations throughout.

Booth: 2676

Photoelectric cell aids dispensing

ing of packaging materials easier on an assembly line, the 8eltway PadPak system will be imong products shown by Ranpak Corporation.

Also on show will be the CMTL-60 high speed, EcoPak system, which is used continuous motion to store and dispense loose fill tray erector/loader. All packaging materials, and the Pad-N-Pak workstation. The Beltway converter uses

from a single ple with photoelectric cell to activate the cutting mechanism each time material is taken from the conveyor. Presclected size pads range from 10 to 66in.

Three new dispensers in the EcoPak range will be

shown, including a wallmounted version, the roller easter mobile dispenser and the dual position bench-type dispenser. All three accept 10, 25, or 40th boxes of EcoPak loose fill material which is made from kraft paper.

On the Pad-N-Pak workstation, all the operator needs to do is press the pedal or set the automatic controls to gain cut-to-order packaging materal, says the company (8023 Crile Road, Concord Township, Ol-I 44077-9702, USA icl: +216 354 4445).

For further K10 Call for details Information 110 0839 77228



Smooth paper for premium bags

the corners and gussets.

Richard Moyle.

A double-sided high-gloss paper has been developed by Sappi Europe with the carrier bag market for fashion and other premium goods in mind.

Strength and good crack resistance are other characteristics of the paper, Algro Primess, which uses a high proportion of longer fibres in the furnish. Normally there is particular danger of eracking at

High whiteness is obtained without the use of added opti-A smooth surface for printing in either flexo or cal whitening agents, says Sappi (Wolvercote Mill, gravure is achieved with a dou-Wolvercote, Oxon OX2 8PZ -

tel: 01865 516011, fax: 516520). The paper is only available in reels, between 50 and 135gsm. It can be metallised, pe coated or laminated.

Two-winged security

adhesive winged tamper evident labels, which can otherwise b problemaric to apply securely, has been developed by William Sessions Ltd of York.

Keeping up with fast line speeds, the modified Collamat The epecially edapted self adhesive labelling system 6000 head has had a mechanical gate and wipedown station added to ensure that full benefit is gained from

Labels are applied to the top of container closures in the ing the container, means that a fold down can be achieved which hugs the contours of the pack, forming a more secure scal.

This version of the Collamat 6000 can bandle a range of label materials, says Sessions (The Ebor Press, York YO3 9HS - tel: 0904 659224, fax: 644888).

Among the self adhesive materials available from the company's roll label division are papers with a variety of fin-

ishes, aectate or ps films with different finishes and destructive substrates designed more specifically for tamper evidence.

NDOLINE is a world class British manufacturer offering a wide range of end-of-line packaging machinery from a semi-

This integrated system will netals, glass and plastics can be

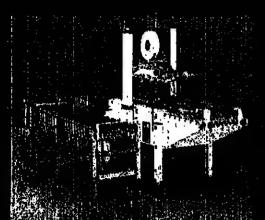
An integrated line comprising

a tray erector, tray loader, case

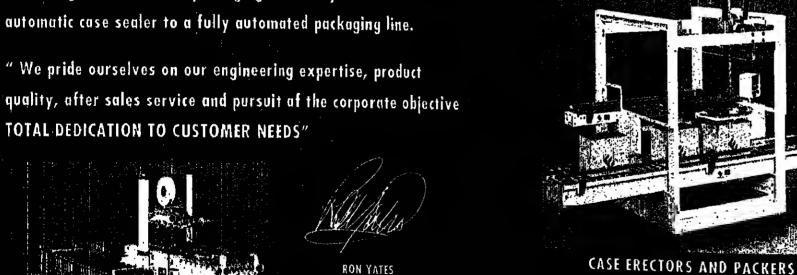
turner and shrinkwrapper will

be shown by Arpae.

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and marketing director

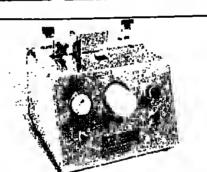
ness is really the critical factor

in achieving the ultimate

brightness from the gravure

print," Mr Moyle explains.

"The high surface smooth-



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usual way, before product is

indexed into a separate posi-

tion where one or two wings

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stage, momentarily immobilis-

of the label are wiped down.

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PACKAGING NEWS/OCTOBER 1994

Is imitation the finest form of flattery?

Large players in the meteis packaging market should encourage the creative spirit of smailer companies. even if it means spending time in negotieting Ilcence agreements because, argues Jim Leftwich*, it is this Innovation that will

benefit the metals

Industry as e whole.

ly produced for US company Simshine Biscuits Inc has been widely acclaimed and has generared many enquiries.

However, the tin, which has been inspired by the universal theme of a fairground caronsel, was only produced after lengthy discussions enfininated in a licence agreement with the company which holds the registered design rights in the design of the tin.

In 1992, Bodnitz Allan (Clurchills Confectionery) had

Linpae Metal Packaging recent- the Registered Designs Act whose designs they were in the 1949, with special reference—first place, and whether the being made to the fluted canopy lid, the ingenious window effect and the embossed prancing horses.

> "A general desire for originality"

Registration of industrially applied designs remains a rela-

original designer has any registered or unregistered rights in those shapes and designs.

This situation benefits the larger players in the market who have the resources and expertise to manufacture and market the designs, but it does little to . A designer simply has to regisencourage the creativity of small design houses.

I would not question therefore the shrewdness of Bodnitz Allan in securing the rights of tively rare phenomenton in the its design by registration, even designed a carousel shaped con-meral packaging industry, though some might argue that fectionery (in, which it subse- Despite a general desire for the idea of making a tin in a quently commissioned Linpae originality, shapes and designs caronsel shape is a universal to produce. The design was reg- are frequently borrowed and design and should not be capa-

Legally, the registration important factor. process is quite straightforward

"The legal process of registration"

ter the special features of their design with the registered design section of the patents office and pay the appropriate fee. However, they must be able to show that the design is new, that it has eye appeal (ie: that the design is not purely functional), and that the appearance of the article in respect of which

The Bodnitz Allan registered design affected Linpac when approached by Sunshine Biscuits to produce a similar tin for them. We were therefore faced with three choices: O The first was to railroad the

the tin anyway - challenging them to a potentially cosdy and long-running legal battle The second, and the one probably favoured by many fellow mannfacturers, was to alter the design just enough to avoid infringing the registered design, while at the same time

satisfying the new customer

O The third option was to

smaller company and produce

The design of the cerousel sheped tin includes e fluted canopy lid, an ingenious window effect and embossed prancing horses

work with Bodnitz Allan in destroying ourselves. order to satisfy the interests of both companies.

Linpac chose the third option which meant the tincould be produced for Sunshine Biseuits and, in accordance with the licence granted by Bodnitz Allan, we have credited the company with the design on the base of the tin, as well as paying a small royalty for each one produced.

"May seem unnecessarily altruistic"

This may seem unconventional and unnecessarily altruistic, but we took the decision for genuinely commercial reasons.

Creative design is at the neart of the metal packaging fax: 441456). industry, and if we crush that, then we are in danger of

I helieve that real creativity can come more freely from small design companies than from large manufacturers where individuality can be subjugated in favour of 'corporate conformiry' and imposed budgetary limits.

The large players in the market should, where possible, encourage the creative spirit of smaller companies, like Bodnitz Allan, even if it means spending time in negotiating licence agreements because, in the long term, it is all of us who will benefit by the resulting growth of the metals industry.

" Iim Lestwich is managing director of Linpac Metal Packaging Ltd (Headley Road East, Woodley, Reading, Berks RG5 4SL - 1cl: 0734 441144

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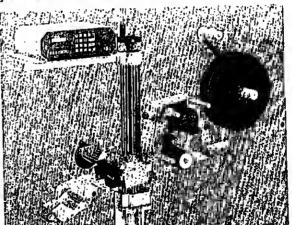


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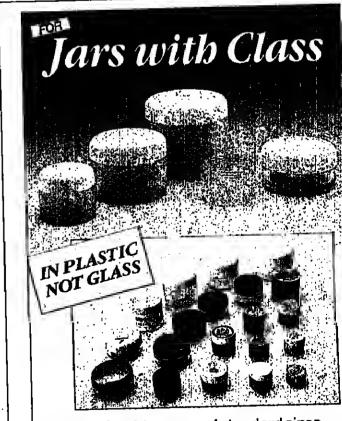


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At the beginning of 1994, FRÖVI became a member of the AssiDoman group – one of Europe's leading concerns in the forest products industry and a major supplier of packaging and packaging raw materials.

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AssiDomân Frovi Ltd.

- A member of the AssiDomân Carton business area.

Frovi House, 284 B Chase Road, Southgete,
London N14 6HF Phone 081-882 83 73.

Last month saw the machinery-only PPMA show move to the NEC. Birmingham, for the first time. A record number of new machines were on show and here we highlight just some of them.

Unloaders laminators applicators

Pateured pail and drum unloaders, coating and laminating equipment and a range of lustmelt applicators were launched by System Devpak Ltd.

The unloading and laminating equipment is a result of a distributorship agreement with May Coating Technologies Inc. The hotmelt applicators will be marketed under the DEVinelt range of equipment, says the company (f) Grosvenor Grange, Warrington, Ches WA1 4SF - tel: 0925 815231, fax: 851162).

The LH2 coater/laminator is a pilot production web coater, designed for feasibility trials and preproduction runs.

Legible inkjet in tiny sizes

What is claimed to be the world's fastest inkjet printing system for use in the brewing and distilling industries was launched by Domino UK Ltd.

The Domino Solo 6 Pinpoint and Codebox 3 Pinpoint systems are capable of printing as many as 2,400 characters a second, says the company (Bar Hill, Cambridge, CB3 8TU tel: 0954 782551, fax: 782874).

Specifically designed to meet the growing requirement from brewers and distillers to mark containers discreetly, Pinpoint produces legible text at sizes down to 0.6mm high on almost any substrate. A choice of print fonts can be used, which allows print to be put into small spaces.

A range of tray denesting and

Among machinery on

show was the Pneufeed patent-

ed air jet denest system which

is ideal for thin plastics trays

used by the bisenit and bakery

pick and place equipment was

demonstrated on the stand of

FP Packaging Machinery Ltd.

Pinpoint works on high speed production lines, coding containers at speeds of up to 369m a minute. The parented design deliv-

ers ink to a tiny 40 micron nozzle - 20 per cent smaller than anything Domino has produced before - which produces a dot of between 160 and 250 micron diameter, depending upon the surface.

The printing head itself is heated to a temperature of more than 42deg C.

For Juriher K10 Call for detail information 110 0839 77225

The liny 40 micron nozzla by Domino makes a dot of 160-250 micron diameter, depending

inclustries. The single head ver-

sion can run at up to 150 trays

a minute, says the company

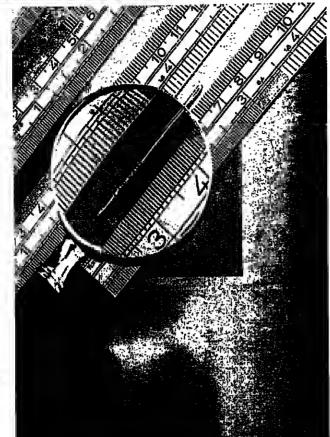
(Walnut Tree Close, Guild-

ford, Surrey GUI 4UB - tel:

ing pick and place machine

The scries 20 reciprocat-

0483 32811, fax: 300078).



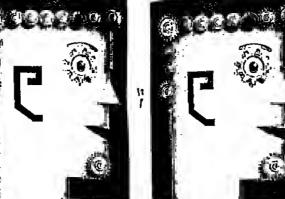
a range of shapes

Webb Automation Ltd.

The Model RP250 was mounted over a Yamaha model ADW-508-MD multihead weigher at the show and was

Also demonstrated by the company (Link Ind. Est., Howsell Road, Malvern Link, Worcs - tel: 0684 892929, fax: 576044) were other auger type volumetric and weight con-

mechanical denester.



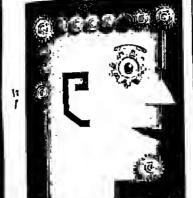
Handling adhesive, tamper evident security labels onto erected, filled 'aeroplane' and 'reverse tuck' cartons was shown for the first time in the UK by Newman Labelling Machines Ltd.

A nine head rotary packing machine that handles semi and rigid containers up to 250 x 350mm, in a wide range of geometric shapes and neck configurations was launched by G

demonstrating weighing and filling product into plastics jars.

trolled filling machines.





labeller that applies self

Also demonstrated was the

5FL/EXP general purpose

pharmaceutical labeller in con-

juction with a Lactus 4P bar-

The CTE250 machine

labels cartons in a size range of

12 x 20 x 70mm up to 120 x

applicators

A range of semi and fully auto-

matic labelling systems was-

demonstrated by Avery

Reliable, accurate and well

engineered is how the compa-

ny describes its range of

applicators, from table top

semi automatic systems

through to standard automa-

ic labellers and custom built

A reliable

range of

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main frame systems.

code reader.

Labelling aeroplane cartons

20 x 250mm at speeds of up to 250 labels a minute. The other, general purpose machine, can label round, square, rectangular and oval shaped containers at up to 275 labels a minute. Both machines have been

designed to make validation of security systems a simple process, says the company (Queens Road, Barnet, Herts EN4 4DL - tel: 081-440 0044, fax: 081-449 2890). A key feature of equipment

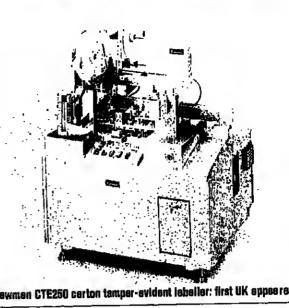
from the company is the recently launched Newman validation package which is a compilation of machine-specifie documentation which accompanies each labeller. It is said to simplify a number of requirements, including installation qualification (iq) and operational qualification (oq).

.....................

fully automatic unit is the Rotary 350, which applies labels at up to 400 a minute. Two, three or four labelling heads can be used at one time to allow label application on the front, back and top of products, says the company (Business Systems division: Thomas Road, Wooburn Industrial Park, Wooburn Green, High Wycombe, Bucks HP10 OPE - tel: 0628

859500, fax: 859599). The ALS 2000 mainline labellling system was also shown, and this unit can label up to 150 products a minute and is said to be an ideal choice for contract packers.

For further K10 Call for details



Coding, marking and weighing developments

Developments from Graseby Product Monitoring included coding and marking systems from Graseby Allen, metal detection units from Graseby Goring Kerr, x-ray inspection equipment from Graseby GK Intertest and checkweighing machinery from Graseby Best.

The D40 checkweigher, said to offer advantages of remote site controllability through greater system intelligence was launched. Also seen for the first time was Combicheek, a range of fully integrated check weigher/metal detection systems.

Combicheck combines all

the features of the new D40 checkweigher with the sensitivity and accuracy of the DSP Il metal detector, says Graseby Goring Kerr (Vale Road, Windsor, Berks SL4 5JN - tel: 0753 869351, fax: 840079).

i hermal moviny

Graseby Allen used the NECbased event to launch its thermal moving head printer. The bi-directional printing action of the unit is said to save time while virtually doubling throughput on intermittent motion packaging machines.

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Tray denesting and pick and place demonstrations

CODING WITH THE BRAND LEADERS

ing trays but can be applied

for the placement of eard

inserts, leaflets and coupons

as well. It eveles at around

65 a minute. The series 30

machine can run at up to 400

a minute - the four head ver-

sion - while 800 a minute

ean be achieved with a twin

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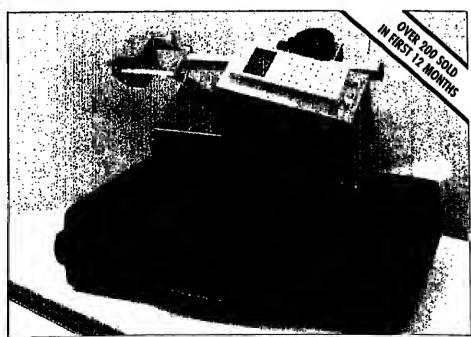
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required was shown in the form

of the Series 5 Dispens-a-tray

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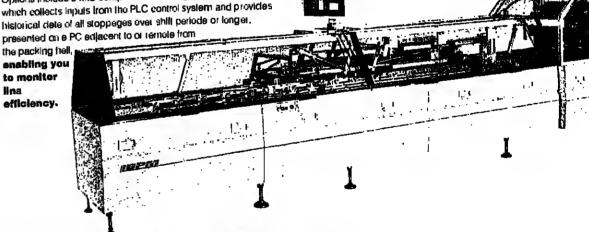
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range of applications



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PPMA REVIEW

Laser coder prints | Automatic four lines of text in various formats

were launched by Lumonies Lid - the latest Xymark laser corder, a further Autocode changing systent and Laser-Mark 960, pulsed laser ender.

The latest Xymark is the first laser coding system to offer the capahility of up to four lines of text in various dot matrix font formats, says the company (Gothenburg Way, Sutton Fields Industrial Estaic. Hull HU7 OYE - tel: 0482

Xymerk dot matrix coding system from Lumonics 839233). Designed with a smaller footprint and with a compact outer easing to save space on the factory floor, the Xymark offers users updated software control with large

and time options. The unit offers on-line coding of many materials through the laser beam reacting directly with the material surface to apply an indelible mark. The code can now be applied in single or multi-line format, with or without graphies information, which offers users greater coding flexiblity than previously available, says the company.

graphics and customised date

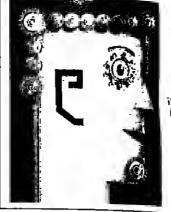
tube filling machine will make its debut

Making its debut on the Adelphi Manufacturing stand was a TGM Meccanica E250 automatic tube filling machine, following Adelphi's appointment as sole UK agent for the Italian

Very competitively priced, the E250 is capable of filling up to 2500 tubes an hour, says the company (Olympus House. Mill Green Road, Haywards Heath, W Sussex RH16 1XQ tel: 0444 440091, fax: 440272). It can handle thermoplastics, laminate and inetal tubes in diameters of 10-50mm and in volumes of 2.5 to 360g.

It can also he adapted to fill syringes and pots.

The Rota FLR50/G vial filling and scaling machine was



also demonstrated for the first time. It runs at at up to 6000

"Filling flowing liquids

bench mounted unit which can fill, cap and label containers of free flowing liquids was demonstrated. It can also take an automatie cap feeder.

Products from the recently acquired Coldstream Engineering company were also demonstrated.



(Darlington Road, Northaller-

tou, N Yorks DL7 8UA - tel

0609 780333, fax: 780423).

include a preregistration unit

A wide web feature and very fast print

pulsed laser coding systems. It A purpose designed print and apply unit which has a wide web feature and very fast print, was launched by into the LaserMark 960 was

ETIPACK SELF ADHESIVE LABELLERS

Launched alongside the

Xymark was the LaserMark

960, the latest in the series of

ean mark at line speeds of up to

the next generation of

Autocode automatic stencil

changing systems. It is said to

offer an 'absolute position'

option for continuous feed-

back of each stencil's position.

This provides increased integri-

ty for applications where

absolute verification of the

coded information is required.

Shown at PPMA integrated

1500 products a minute.

Manufactured for robust. heavy industrial use, demonstrations of the unit were seen throughout the show. Also launehed was a Challenger labelling head which has been designed and manufactured specifically for tactile warning labels. On-line labelling options

for faster labelling throughput of cylindrical containers, thermal print apply for luzardous chemical warning labels and a chain alignment infeed system for accurate front and back labelling of oval bottles. All labelling systems can

now be supplied flameproofed to Zone I, class 1 T6.





specialised grader, developed as a result of La significant order from Farm Frittes in Poland, was promoted by Driver Southall Ltd.

Approximately 4000 x 1000 x 60cm, the grader sorts french fries onto three levels and forms a vital part of a feed system which has been built to the specification of Fabricated in stainless

steed with a galvanised steel base, the conveyor is hydraulically driven and comprises a series of plates with different holes to grade chips. "It surpasses anything of this type we in two directions into a modular feed system, says Driver Southall Ltd. The latest versions of the

company's P450 motorised checkweigher and the Pilot 90 checkweigher were also

In-line capping unit works with filler 5.8 litres. It was shown filling 5 to 150 bortles a minute with a

have built before," says Trevor

Taylor, sales manager of the

company (Maybrook Industri-

al Estate, Brownhills, Walsall,

Staffs WS8 7DG - tel: 0543

The grader is fed by a

bucket elevator and is capable

of handling several tonnes of

product an hour. It can outfeed

0233 643666, fax: 634431).

the Positwin, a recent addition,

and the Posifill 5000, which has

a volume range of 250ml up to

Recent addition

375566, fax: 375979).

Three level grader trom Oriver Southhell, made for trozen chips

Visitors to the Universal Filling Machine Company's stand saw the first demonstration of an in-line capping unit work-ing with the established MK2 Posimatic volumetric filler. It was shown filling liquids at a rate of approximately 70 boitles a minute.

System acciuracy

This system can also fill creams, gels and many other cosmerie, pharmaceutical and toiletry products at speeds up

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litre containers. volume range of 5ml up to 1 litre. It fills to an accuracy of ±25 per cent, says the company

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osollas

(Pound Lane, Kingsnorth, Ashford, Kent TN23-3JE - (el: metic products. Machines demonstrated in the Posifill semi-automatic volumerric machine range included

Also demonstrated was a 2-head version of the Easifill range of semi-automatic vacuum operated filling machines which are said to be ideal for filling glass and rigid plastics containers with various cos-

ually operated unit was shown filling hair gel.

A low cost Handifill man-

printer. The T120 is compati-ble with the universal controller, and gives 120 dot definition for multi row printing. Line heights up to 32mm can be achieved which means eases can be marked with barcodes and complex logos. Pigmented or dye inks are

A range of impulse type inkjet

printers was launched by

At the heart of the equip-

ment is specially designed

controller which can operate

two to eight rows of print on

one or two independent pro-

duction lines. It is also capable

of slant prints, where individ-

ual vertical dots are com-

pressed into a merged print,

which is particularly useful in

barcoding applications, says

the company, which is based at Faraday Close, Hampdon

Park, Eastbourne, E Sussex

BN22 9AE - tel: 0323 520308,

Non porous surfaces

The controller was demon-

strated coupled to a P32 print

head which can print up to

24mm high on non porous

surfaces at a speed of up to

A further development on

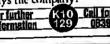
show was an inexpensive high

definition, large character

fax: 520146.

150m a minute.

available in most colours including white. They can also be indelible or uv readable. says the company.

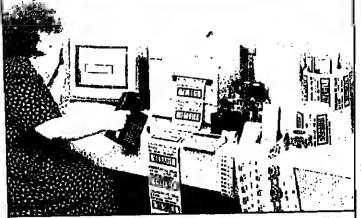


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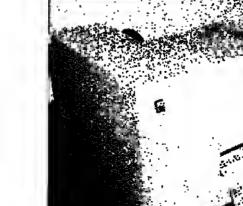
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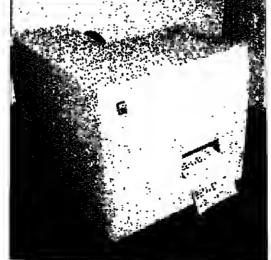
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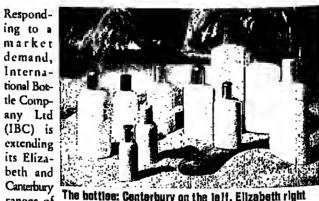
ers Place, Eton Street, Richmond, Surrey TW9 1EG - tel: 081-332 6261, 081-332 6256).

white opaque, low density opp film, coated with acrylic on one side and pyde on the other. It was selected because of the barrier properties against oxygen, light and humidity, which helps to preserve aroma. Because it is a monoweb material, overall packaging weight has been reduced and the film works well on horizontal form,

Converter of the film is Bonar Teich Flexible of

For further K10 Call for details information 144 0839 77226

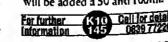
Two plastics bottle ranges extended



The bottlee: Centerbury on the lelf. Elizabeth right ranges of standard plastics botrles.

The Elizabeth range includes glass and plasties bottles, says IBC Ltd (Beadle House, Bull Plain, Hertford, Herts SG14 1DT - tcl: 0992 551751, fax: 554342). The oval hdpe Elizabeth bottles are

available in a minimum quantity of 25,000. Supplied in per t Canterbury is a classic flattened shape with rounded shoulders. To 150, 200 and 250ml sizes will be added a 50 and 100ml.



Celebrating 25 years self adhesive success

Multiprint Labels is eelebrating 25 years of successful trading in the self adhesive labels business this year.

Since 1969, the company has developed into a multi-million pound company and now exports in excess of 80 per cent For further K110 Call for details information 148 0839 772268 of its production to the UK

and mainland Europe. Over £7 million has been invested since 1989 by the company (Nnre Road, Dublin Industrial Estate, Glasnevin, Dublin 11 - tel: 300544, fax: 307910).

RPC Group ple has acquired the UK packaging business of Mckechnie ple for & million. Mckechnie manufactures dispensing closures at Halstead and promotional plastics packaging at its Market Rasen plant. This acquisition represents the first step in our strategy to expand our business into complementary areas,"

> Continental PET Europe is continuing to expend into Eestern Europe with the commissioning of ite factory in Redomsko, Polend. The company (UK: 0539 401424), is currently the lergest producer of pet preforme and bottles in Europe end claims a merket chere in excess of 25 per cent of pet preform supply in Poland.

on the reel, a Windmoller & Holscher sack bottoming machine and a fully computerised intermediate tubes storage system for pasted valve sacks will be installed by the company (0224 712881).

Storey Evans (0532 502323), Is Introducing e new printing process to its selt edheelye tabelling operation with the Installation of a £90,000

Aquallex LC1005, flexo prese. It le a pliot stege of an expension by the com-

Tim Egger MP el Print Design end Graphice Ltd: (left to right) Gordon Scorer, diractor of PDG, Tim Eggar MP and Dave Gillender, director of POG

make its Aberdeen factory one of the most automated sack plants in Europe. Equipment to provide sacks

says Ron Marsh, chief execu-

Arco Peckaging Machinery Ltd

tharmoloiming machinery and

spacielised wrepping and vac-

oun systems trom Collmatic

Sill In Hely and also the range

of verlicel/horizontal bagmak-

The new company le based at

Wolverhempton WV9 1EA - tel:

Print Design and Graphics

Ltd (091-264 4638), has just

invested \$1.6 million in print-

ing equipment and prepress

facilities at its extended facto-

ry on Tyneside. Minister for

Energy Tim Eggar MP recent-

ly visited the plant to start the

Komori litho presses rolling.

0902 847979, tex: 847909.

ars from Kewashima, Japan.

15 Church Road, Codeall,

tive of RPC (0933 460020).

has been formed to market

Abertay Paper Sacks is Borealis' first set of six month results show that the group is now making progress towards performance improvements, following the merger of Neste

companies in the Brent International links and Costings Group are to merge their activ-Itles into a new compeny, Swale Process Ltd, under one meneging director, Rick Petecki (061-749 7340). The move le seld to benefit customers due to the joint technical expertise and extensive network of brenches oftered.

The Adelphi Group (0444 440091), has extended its filling equipment product range with the acquisition of Coldstream Engineering for an undisclosed sum.

SCA Packaging (031-339 3271) is consolidating the production from its two main Scottish factories into the Edinburgh plent. This will mean the closure of its Coatbridge plant before the end of the year with the loss of 91)obe. An investment of up to £10 million in the Edinburgh plant is plenned.

Following the mbo earlier this year, arrangements have now been concluded to change the name of flexible packaging

extender and converter, bardem Lul to Merlin Flexible Packaging Ltd (0507-601161).

Melronic Printing and Coding Ltd la the UK company sat up by Metronic GmbH to sell and service the range of coding and marking mechines throughout the UK and Ere. The new company, which hee Richard van den Berg as its maneging director, is located at: Hyde end Over House, Little London Roed, Horem, Sussex TN21 OBL - tel: 0435 9139BB. tex: B13713.

Foilwraps Flexible Packaging (0604 583121), is expanding its range of services with a £2 million investment in prepress and printing facilities. A Barco prepress system has already been nstalled and a W&H Starflex flexo press is being commissioned this month.

Corporate Packaging hee moved to 23 Long Gardan Wolk, Fernhem, Surrey QU9 7HX - tel: 0252 717077, fax:

All companies in the newly energed AssiDöman group. which comprises Assi, Döman and NCB, will now trade as AssiDöman Packaging. This includes Medway Packaging of Aylesford, which will be known as AssiDöman Medway (0622 717855).

ADAS hygiene accreditation hae been geined by Sidlaw Packaging - Venus end Felcon (0802 324391).

Ahlbrandt Systems (UK) Ltd and Enercon Industries Inc have formed a joint venture company - Enercon Ahlbrandt UK Ltd (0296 330542) - in the UK, to manufacture and support the Euercon range of induction heat scaling equipment throughout Eurape.

Call on 0939 772299 or enquiry number (K10-422)

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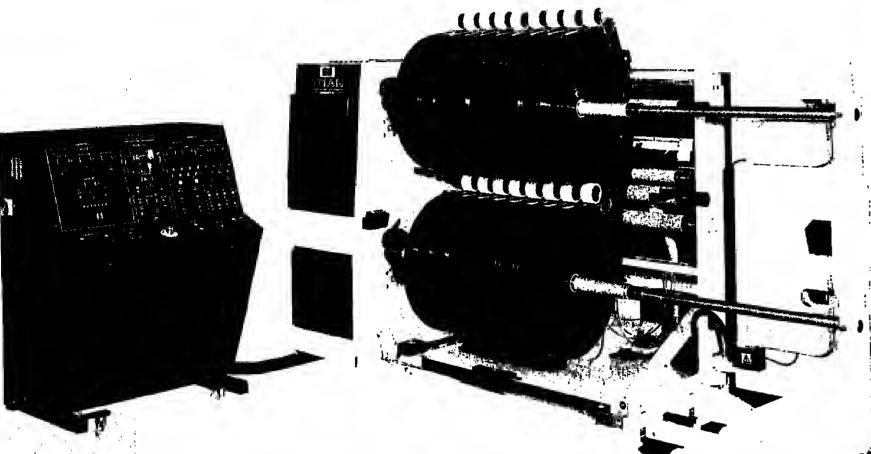


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Film gives biscuits an old fashioned paper-like image To reduce overall packaging weight and cost, while increasing barrier properties and improving machinability, Fox's Biscuits has chosen an opp film The Oppalyte film is a from Mobil Plastics Europe. "Used for six products in the line" Oppalyte 36 MO 747 is now being used for the six products in the Traditional Biscuits line from the company. To gain an fill seal equipment. 'old fashioned' look to match the brand image, a matt, heat resistant overcoating has been used on the film. This reprnduces the original paper-like

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Six-colour carton installation

Mead Packaging, Bristol, has installed a KBA Planera 142 six-colour press, which will be dedicated to the production of multipack carton blanks.

The installation, which includes a dedicated coater and perfecting facility between units one and two, is in line with the Mead Corporation's policy on European equipment. To gnarantee a secondary

source of packs with consistent quality, we need to be compatiole with our sister plams in Europe. We all therefore specify KBA Planeta presses because they are reliable workhorses." explains manufacturing director Morgan Beake.

Handling of stiff board is aided by the inclusion of a Spiess feeder and an air blast system is built into each mair on the Mead press to control the end of sheets during transfer.

"We have found that the influence of Koenig & Baner on Planeta has produced large format presses of the highest quality," says Mr Beake.

Baldwin automatic blanket and roller washers and Technotrans damping units also feature on the press, says KBA (5, Century Court, Tolpits Lane, Watford, Herts WD1 BRS - tel: 0923 819922, fax: 213411).

Membrane cuts cost of wastewater treatment

Costs for wastewater treatment can be drastically reduced using a membrane technology rom Dutch company ATP (Advanced Treatment Processes) International, says the com-

Costs associated with pretreatment, residual wastes and energy can be cut using the system, says ATP, which has

graphics received via an isiln link. Colour is matched with the Hartmann Ink Technologist, with ink samples transferred to the repro house for wer proofing once customer approval is obtained.

Spiess feeder: standard on all KBA-Planata large format press

The operation must be able

to cope with customers' short

term marketing plans and pro-

motions. "This is JIT at its

sharpest, with customers aware

that modern technology allows

them to make decisions at the

eleventh hour. But we have

geared up the plant to handle this

Prior to printing and die

type of pressure," says Mr Beake.

entting, reels of Mead's own

Coated Natural Kraft (CNK)

are sheeted on a Strachau &

Henshaw twin knife unit, fitted

with a Torres splicing and ten-

through a cad/cam system

which produces samples, with

just exhibited its technology at

Amsterdam's Aquatech '94. A range of impurities can be sep-

arated from water, without the

pre-treatment techniques -

such as ion-exchange, filters or

chemicals - required by many

surfaces is optimised, the sys-tem can work with lower pres-

sures and so reduce energy

requirements, says ATP (PO

Box 161, 8050 AD, Hattem,

Netherlands - tel: 010 31 5206

47447, fax: 5206 47495). Waste

water percentages are also said

to be low when compared with

other techniques.

TURN TO

THE BACK

Since use of the membrane

other systems.

Carton design is in-house

signing device.

lpex management change announced

Management of the Ipex priming industry exhibition has switched from Reed Exhibitions to HR Exhibitions (HRX), show owner Picon Ltd has announced.

Picon retains full ownership of Ipex, which is due to run next in 1998, but under its new contract HRX will manage the next four exhibitions until 2013. While stressing that the

rapid growth in new technologies means that the format of the show will need a lot of careful consideration, Picon deputy chief executive Norman Bayley told CW that it would clearly safeguard the interests of its large converting membership.

"We were very much impressed with HR's rision for

the Ipex brand and they presented a financially attractive package," says Picon chief

executive Colin Middleaniss. "What we would hope to do for Ipex is to be able to take a long term view and develop the exhibition from event to event," says lain Melville, md of HRX. Picon will still be collaborating with Reed Exhibitions on the Convertex show, says the industry organisation (Queens House, 55-56 Lincoln's Inn Fields, London WC2A 3LJ - tel: 071-831 3303, (ax: 071-831 6029).

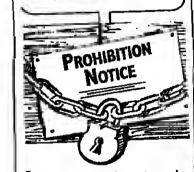
Among those recruited by IIR to back up its portfolio o exhibitions are David Korse and Will Morris, both previously with Reed Exhibitions.

Flexo addition

Rapid expansion has led the Design and Display Group to nvest in the UK's first Oscar Friedheim Propheteer 1000 lexo press for its flexo label business. The Devon-based company decided the press would add to its rotary letterpress capability, says Oscar Friedlieim Ltd (250 Waterloo Rd, London SEI 8RE - rel: 071-928 (363, fax: 07)-928 9361).



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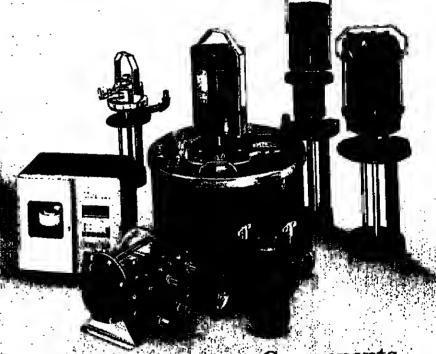
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CONVERTEX REVIEW

Visitors and exhibitors alike seemed to be very enthusiastic about the business convened during Convertex last month. As Converting World went to press, 2200 visitors had attended, with one more dey to go. This had already beaten the 1992 show's ettendance which was 1700 overall. Here we highlight just some of the products on show.

Compact desktop labelmaker

The Sohn compact, deskrop, self adhesive labelmaker range of equipment, said to be ideal for short run or in-plant label production, was demonstrated by Pinewood Valuel Systems Ltd.

The machines take [nl] advantage of current flexo ink and platemaking technology to produce quality one colour butt labels from rolls of self adhesive base material, says the company (The Stables, Old Charlton Road, Shepperton, Midds - (cl: 0932 243724, fax: 246632).

Label length can be auto matically determined and ent without mechanical adjustment or expensive tooling.

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Fast curing/high opacity



Designer and manufacturer of drying and curing systems, Techni Dry will now offer flexo primers a retrofitting service to add various systems to existing printing presses.

To accommodate uv and These include infra red, hot aqueous coatings, which are air knife and ultra violet curing used more and more to give a systems, all designed by Techni high gloss sheen and a protective quality to the board. Dry and now being supplied to corrugated board printing Techni Dry has designed in machine manufacturers as stanpress and add on conveyorised systems.

Technical personnel from the company visit sites to investigate the possibilities of including drying and curing equipment nn existing printing presses.

speeds, says the company

(Mount House, Bond Avenue,

Milton Keynes MK1 ILA-tel:

0908 646000, fax: 6461(1),





In an agreement signed at the show, Orion will make at lower prices once manufacture gets underway. Construction and quality will be identical to US-manufactured shafts, with some specialised

plied direct from the US. Customers of metal shafts

are very cost conscious and therefore the move will enable us to offer the premium quality of Double E shafts at very competitive prices, says Orion Machinery (Draycott Business Park, Cam, Dursley, Glos GL11 5DQ - tel: 0453 890881. fax: 890312).

Manufacture of carbon fibre shafts will continue to be carried out in the US.

Orion / Double E manufacturing agraement was signed at the show **UK-made metal shafts**

Orion Machinery, who signed a distribution agreement with American airshaft and chuck manufacturers Double E carlier this year, are now to make part of the range in the UK.

Double E's range of metal shafts, which will be offered components still being sup-

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CONVERT TEXTREVIEW Auto profile control for film

An advanced anno profile conirol system for blown film lines was shown by Battenfeld Gloenco Extrusion Systems.

It comprises one 225mm diameter three layer coextrustion stationary internal bubble cooled die, with 814 polycool dual lip air ring. adjustable iris, and anto profile control for the production of three layer films for barrier packaging applications.

"Precise gauge control"

The die design provides optimum flow distribution of each layer for precise gauge control and low residence times, says the company (Berry Hill Industrial Estate, Kidderminster Road, Droitwich, Wores WR9 9RB - tcl: 0905 775611,

The auto profile control system for blown tilm tines shown by Sattenfeld Gloenco

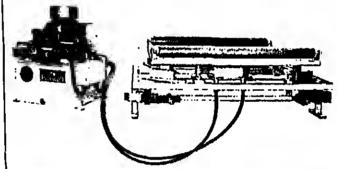
is an improvement in yield as the average gauge can be set closer to the minimum film thickness.

The Extrol process control system, along with the gauge sensor, is able to control machine direction film thickness by adjusting the speed of

For applications such as hdpe it is beneficial to be able to adjust the temperature at which the film is collapsed. The auto profile control system achieves this by accurately controlling the overall temperature of the air from the air ring, while still maintaining circumferential control.

The system can be retrofitted to most blown film lines, says the company.

Web guiding systems



A full range of web guiding systems suitable for paper and plastics illm was demonstrated by Deniel Foxwell (Engineering) Ltd Msckenzie Industrial Pack, Birdhell Lane, Chaadle Heath, Stockpart, Ches SK3 OS8 - tal: 061-428 7113, fax: 061-428 7125). A natrowsr width guilding system with linaer actuators end photo-call sensing was also exhibited.

A hydraulic shelllesa unwind station which hee hydraulic motion and three ditlerant modes and which can be supplied with eutometic tengion controt, completed the display.



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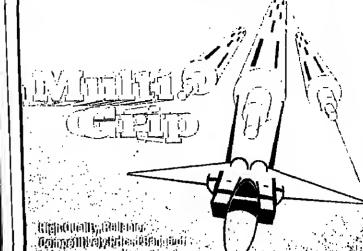
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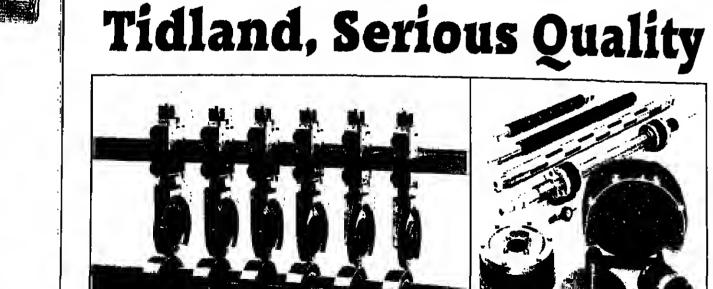


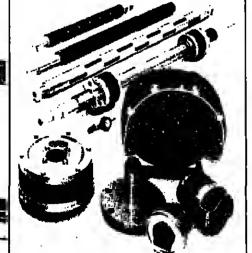


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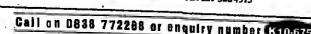


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MANZONI 9 COL., 4 CI + 4 STACK, 950 MM
WEB, 1989, P6376
SIMON NY, CENTRAFLEX 434, 4 COL., 47
WEB, 36° SPLICING, P4801
CMF PRESTIDE, 8 COL., 1460MM WEB, 1991,
P3321

98321 PADANE ZODIAC, BICOL, 1350 MM WEB. 1886, P6312 WAH OCYMPIA 1375, 6 COL., 1290 MM WEB, 1972, P6289 WAH OLYMPIA 736, 6 COL., 1320 MM WEB

WAH OLYMPIA 25, 6 COL., 1514 AMM 1977, PS293 COMEXI BRUCH, 5 COL., (4CI + 2 STACK † 850 MM, P8322 CMF MIRAGE, 6 COL., 1450 MM, 1988, PS413 CARRARO MONOCOROFLEX, 8 COL., 1450 CARRARO MONOCOROFLEX, 8 COL. 1450 MM, P6147 MAF GALAXY, 8 COL. 1450 MM, 1966, P6159 FLEXO STACK CARRARO KLIENER , 4 COL 1060 MM WEB, 1970, P6305 MANZONI NEZA 704, 4 COL., 850 MM WEB, 1980, P6308

1989, P6239 F&K 33 DF, 4 COL. IN 6 COL. FRAME, 1109 MM WEB, 1981, P8277 MAF, BUPEREXPORT, 4 COL. 800MM, 1873,

IND, 600MM, PACKAGING PLANS, 5979.
PB188
HOLWEG, 6 COL, 810 MM, NDN 8TOP
UW/RW, PACKAGING FILMS, P6179
ROTOMEC, 7 COL, 1000 MM, PACKAGING
FILMS, P6048
TECMO HELIO 308, 8 COL, 650 MM, 1975,

TECMO HELIO 308, 8 GOL, 650 MM, 1975, P8027
CERUTTI C 10, 10 COL, REVERSING UNIT. LAST UNIT WAY, & COLO BEAL, P8323
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Spooled tape investment in British-made quality

A £500,000 investment programme which aims to make Concorde Tape Solutions the most advanced producer of hobbin-wound tape in Enrope

has just been announced. Specialising in spooling and converting adhesive and nonadhesive tape, the company has identified a number of product areas where mainly foreign competitors dominate the British and European markets.

"By Pakex, we will have a wide range of British-made tapes that will provide a real quality alternative to imported versions, savs John Murphy, chairman and managing director of Concorde (Concorde

Eccleshill, Bradford, W Yorks BD2 2EE - tel: 0274 633315, fax: 6261-12).

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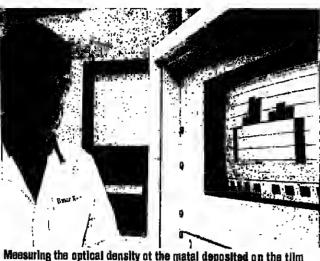
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Metal deposition monitoring system can be retrofitted

The desposition monitoring system first introduced by General Vacuum Equipment (GVE) on its EHF range of roll conters is available as a retro-fit on other converting machinery equipment, including existing installations of competitor metallising systems.

As the system's software neasures the thickness of the metal being deposited on the film, it provides enhanced quality assurance for barrier oackaging, says GVE (Pennine Business Park, Pilsworth Road, Heywood, Lanes OL10 2TL tel: 0706 622442, fax: 622772). It is fitted inside the metalliser to continuously measure the metal deposit in-process.

As the metallised film or paper (web) leaves the process coating drum, it passes around an insulating roller before it reaches the rewind roll. Mounted adjacent to the insulating roller is an alloy beam across the width of the web, with an array of electronic sensor heads. The heads are in close proximity to, out not touching, the web itself. Coils within the sensor



natal deposited on the tilm heads earry radio frequency signals which induce eddy currents in the metallised surface of the web as it passes. The magnitude of the eddy currents is dependent on the thickness of the aluminium layer - a thicker layer has a lower electrical resistance so larger eddy currents are produced.

These eddy currents predictably 'load' or affect the behaviour of the sensor head coils such that the thickness of the metallising can be deduced.

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Because the GVE monitor is measuring the electrical properties of the aluminium layer, it is suitable for metallised film. paper and printed/opaque webs, without the need for set-up changes in between. The system's software is able to convey the metal thickness to the user in different units, depending on individual requirements. For example, OHMS/SQ, optical

density or angstroins.

corrugated casemaker A British manufactured corrugated casemaking machine which has been designed to be easy to use and provide for fag

Easy-to-use

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fibre shalts manufactored in-

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ing Systems (C&L) has

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full, the exceptional physical

properties of earbon fibres in

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While the weight saving

advantages inherent in subsri-

uting carbon fibre for steel

have long been recognised by

the industry, C&L directors

Peter Emmerson and Phillip

Hopley feel that now is a good

The new manual handling

time to enter this market.

verting industry.

Hall kinds.

production speeds, is available from Fyne Packaging Ltd. As well as allowing compa nies to replace its stocks of cases by manufacturing inhouse on a jit basis, the Harrier machine also allows for special promotional or trail size cases to be produced, says the com-

pany (PO Box 443, Leighton

Buzzard, Beds LU7 8AJ.

Simple keypad

tel/fax: 0525 852246).

Operated from a simple electronic keypad, said to provide for set up times of around 15 seconds, the Harrier Boxmaker can manufacture 33 Fefco case styles at production speeds of up to 600 hoxes an hour. The unit, which can be supplied to meet special customer requirements, is ideally suited for inhouse production, according to the company.



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on Mopialan polypropyleno films following the commissioning of a evemped and upgraded bubble unit, largeled specifically at tha production of lamineling illm.

Further Improved levels of service, including a 24 hour service or small, urgent ordars is also now available from the company (Britannia House, Brentham, Menningirea, Essex CO11 1NW - tel: 9206 383345, tex: 395938). "We have elweys realised that quality is of the assance in faminating films," saya Melcolm Watts, UK salas and product manegar at Moplefan. "Both the SPL 3 gloss and 8M 13 matt pp tilms era the result of meny years development." Machenical taalures of the film include high silp, enti-blocking and anti-stalle cheractaristica.

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Upgrade package on corrugated post-print

Conversion of existing flexoand letterpress primer-slotters in chambered doctor blade inking systems can save sufficient ink to provide a payback in 18 months on post-printed corrugated, according to Synpro Machine Initiative.

The company has developed a series of standard apgrade packages for most existing corrugated post-print presses including Simon, S & S, Crosland, Finba, and Deritend On flexo machines existing rubber roller doctoring is replaced with chambered docfor blades, the anilox roller balanced and its housing modified to provide easier changeover. "The great advantage of

5DR - rel: 061-335 0748, fax:

The company recently carried out a conversion on a 100in wide two-colour printer.

For older, letterpress machines the upgrade consists of replacing the inking system with blade doctoring allowing oil-based inky to be replaced by water-based versions.

the improved print definition, particularly important for barcodes and reversed-out Type," says Synpro (River Works, Shepley North Industrial Estate, Shepley Road, Andeoshaw, Manchester M34

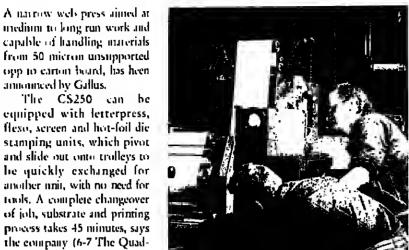
stamping units, which pivot and slide out onto trolleys to be quickly exchanged for another unit, with no need for tools. A complete changeover of joh, substrate and printing process takes 45 minutes, says the company (6-7 The Quadrain, Newark Close, Royston

announced by Gallus.

As the print units are changed, a sliding emitted panel running the entire length of the

Herts SG8 5111. - tel: 0763

242244, fax: 0763 242975).



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To cope with a wide range of substrates, the CS250 is designed to accept ultra-violet through a curing units in a choice of positions, with up to three units at providing a each printing station. A paramenu-driven bolic mirror, permeable to infra-red, helps reduce web visual display temperatures. On single uv for each new unit operation, letterpress make-ready. speeds of 100 metres/min can be achieved, says Gallus.

Finishing equipment includes an electronically controlled flat bed die-cutting unitand cutting/creasing, stripping and guillotining for cartons.

ing the flexopress

to rnn up to its

maximum speed of

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than conventional systems,

allows cases to be decorated with

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hasis, as well as barcodes and

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Using a flexopress, rather

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The Series II Model 800 machine also has a friction

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are among products that could benefit from the use of cartons are foil stamped and foil stamping, embossing and die-cutting, says US equipprobably embossed, too. The cost need not be much higher ment manufacturer Brandtjen than ordinary litho printing, and possibly less than four

Wine labels and swing rickets

While the North American market has long been aware of the value added by these techniques, the UK appears to be wio 15 years behind in appreusing their benefits, says the oress manufacturer.

Technical awareness

When considering any of these processes, or a combiration of them, companies should be aware of the technical requirements from the earliest possible stage. Foil and paper specifications, the types of embossing and production techniques are among the criteria that should be

If paper is to be used it should be of a type with sufficiently long fibres to hold the embossing well. If laminates are being foiled, the correct match of materials should be elected, with the correct foil o achieve coverage.

Diemaking from artwork nust also take account of heat expansion, given the temperatures of 60 to 70deg C required for embossing and 110 to 115deg C for foil stamping. The majority of cosmetics

ter for die cutting. For (urther

sale. These were foil stamped and tie-hole punched. According to the converter, the EHD machines are extremely versatile and provide the high impressional strength required. Other leatures are said to be good delinition for embossing and accurate regis-

both designer and client.

Acoustrong used the same Brandtjen & Kluge EHD

machine to produce swing

tickets for garment point of



Flexo print repeat is infinitely variable

unit BHS flexo press equipped with infinitely variable print cpear length.

Operating in the company's pharmaceutical packaging production centre, the press is employed on aluminium foil conversion with web widths up to 820mm and is capable of speeds up to 200 metres/min, says BHS (22 Apex Court, Woodlands, Almondsbury,

Combination

Developed specifically for folding carrons and labels, the Canadian-built RDP Marathon LF-200 has interchangeable

Lawson Mardon Singen in Bristol BS12 4JT - 1el: 0454

In place of the incremental restraint on repeat lengths imposed by conventional format gears, the BHS system employs a direct drive on the print cylinders, under electronic control. This allows packaging designs suitable for flexo printing, but dimensioned for gravure, to be run.

For further K1D Call for details web-offset and flexo printing

inserts that can be changed over in minutes without tools. Contact Stanley Press Equipment (Graphic House, Bank Street, Macclestield, Ches tel: 0625 429211, fax. 0625 619094).

stamping, embossing and die cutting colour work, says Brandijen & Kluge UK (Unit 3, Mereian Close, Cirencester, Glos GL7 ILT - tel: 0285 640341, Using a Kluge press, Armstrong Foil Stamping and Embossing was able to create a jewellery pack for the Caura Jewellery Company, involving foil blocking onto corrugated board. The company was able, by experimenting with different materials, to flatten an area of the pack before foil stamping it. This technique achieved the required result, pleasing



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